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Season of
1941-1942

Hardy
Seeds, Plants, Shrubs
Many New Flower Novelties

ROHBOCK'S SONS

ROUTE 2 • BOX 312

Exclusive Growers of
Richard Diener Seeds

PROVO, UTAH

Foreword

To Our Many Friends and Customers:

This season we offer to the public a wide range of varieties of SEEDS, selected from our choicest plants. A most favorable location in the heart of Utah makes it possible to grow really hardy strains of vigorous Seeds, adaptable to all sections of this country.

Experienced gardeners and flower enthusiasts fully realize the importance of perennial plants in the garden, to beginners we would like to point out that these plants are of long life and with ordinary care and attention will grow stronger and better from year to year.

There is an almost unbelievable range to choose from; from the tiniest rock plant, for edging, to the tallest stately plant for background planting. By careful selection of plant material you may enjoy hardy perennial plants from the earliest spring until snowfall. A glorious display of blooms may be had long before the annuals show color.

For a ready successful and colorful garden planting should be done in early fall and spring, for then the plants will become firmly established and an abundance of blooms will be your reward; to get this result in the shortest possible time it is best to plant in groups of three to five plants of one variety in smaller gardens, while groups of ten or more are advisable in larger gardens. Gardens planted along these lines are the most satisfactory and easy to take care of.

Our reputation as the most critical Grower of hardy plants in the intermountain west is well known, and we are at all times ready to help you with your planting problems.

This year we have listed our annuals and perennials separate in order to make it possible to select your desired needs much easier. Complete Index—inside back cover.

Sincerely yours,

ROHBOCK'S SONS.

Conditions of Sale

Special NOTICE: To prevent any delay in filling your orders, items selected from this catalog should be addressed to

ROHBOCK'S SONS
Provo, Utah, U. S. A.

Order Early: An order sheet and self-addressed reply envelope are inclosed for your convenience. Place your orders for flower seeds and plants early so that you will not be disappointed in your selection. All orders are filled promptly the same day they are received or the day after. Perennial plants will be shipped in season.

TERMS: Cash with Order. Remittance should be made by Postal Money Order, Bank Draft, Checks, or Express Money Order. Where it is not possible to obtain these and money is enclosed, the letter should be registered. Canadian customers please remit by Postal Money Orders. Do not remit by personal checks. Positively no C. O. D. orders accepted unless 25% of order accompanies order.

Unused U. S. postage stamps accepted up to the amount of fifty cents.

Postage: For airmail orders, add 12c for postage. Orders for plants and bulbs will be sent Express "Collect."

WRITE distinctly or **PRINT** your full name and address. Sometimes orders lack name or Post Office address and cannot be filled until they are identified. Additional order forms will be sent on request.

Guarantee: We exercise every care to ship only first-class stock and it should arrive in a condition to grow satisfactory if planted and cared for properly. As we realize that with the highest quality of seeds, plants and nursery stock, success in gardening depends largely upon soil, cultiva-

tion and weather conditions. Therefore in order to satisfy our customers in every way bulbs found not true to name should be retained by the customer and we shall replace number that are untrue, free of charge.

If you have any complaints to make about any stock received from us please do not hesitate to do so and we shall correct any error. We do not consider our transaction complete until you are absolutely satisfied.

Canadian Customers: In accordance with the ruling governing the importation of Nursery Stock from the United States into Canada, it will be necessary to obtain a permit from the Secretary of the Destructive Insect and Pest Act Advisory Board, Department of Agriculture, Ottawa, and file same with the Collector of Customs before shipment can be cleared. Seeds are exempt from this ruling, and may be shipped into Canada without a permit. Gladiolus bulbs come under the classification of Nursery Stock.

This ruling must be complied with in order to make delivery and we ask you, in the event of an order, to secure this permit, advising us of the number of same, that we may mark it on the outside wrapper.

Foreign Customers: Foreign customers **MUST** remit by Bank Draft, Express Money Order, or Postal Money Orders. Personal checks are **NOT** ACCEPTABLE.

Substitution: In the latter part of the season we may be out of some varieties, so please give your second choice. In case no substitution is desired please so advise in your order.

Packing: Through years of experience we have worked out the most satisfactory method of packing seeds and plants and there is very little possibility of damaging them in transit, either by frost or moisture.



Acroclinium

Acroclinium (Everlasting)

New large flowered double hybrids.

Hardy annual of everlasting flowers including salmon, apricot, pink, rose and cerise, white and creamy tones with golden centers. Flowers should be cut the same day when opened. Pkt. 20c; 1/8 oz. 45c.

Ageratum

BLUE CAP—A very fine border plant of large rich blue flowers in dense head cover. Very dwarf, compact dome shaped plants which grow 8 inches tall. Pkt. 15c; 1/16 oz. 45c; 1/8 oz. 80c.



Ageratum

BLUE BALL—Produces a mass of dark blue blooms on a compact ball-shaped plant. Pkt. 15c; 1/8 oz. 25c.

FAIRY PINK—Dwarf compact; plants 5 inches high with large free flowering salmon rose pink flowers; very beautiful. Pkt. 25c; 1/32 oz. 70c.

Alyssum



SWEET (Maritimum)—A very popular free flowering plant usually used in beds, borders, edgings, rockery, pots, and window boxes. Grows quickly and flowers all summer. Pkt. 15c; 1/2 oz. 20c; 1 oz. 35c.

CARPET OF SNOW—Very compact growth—About 3" high; a profuse flowering variety. One of the best edging plants. Fragrant. Pkt. 10c; 1/4 oz. 30c; 1/2 oz. 50c; 1 oz. 85c.

See page 14 for Perennial Alyssum

Amaryllis (Diener)

GIANT MAMMOTH HYBRID EVERFLOWERING—20 Seeds .50c; 100 Seeds \$1.50.

EQUESTERIS HYBRID—30 Seeds 50c; 100 Seeds \$1.50.

Add new color to your garden by planting a wide selection of annuals each year.

Antirrhinum (Rust Proof) Snapdragons

With a new development in antirrhinums have brought about a greatly increased popularity for this showy-favorite. Though a true perennial they are usually treated as annuals. Seeds started indoors in February or March will flower in June and continue until frost, or if sown outdoors in May they will begin flowering in July.



Rust Proof Snapdragons

RUST PROOF DELUXE MIXTURE

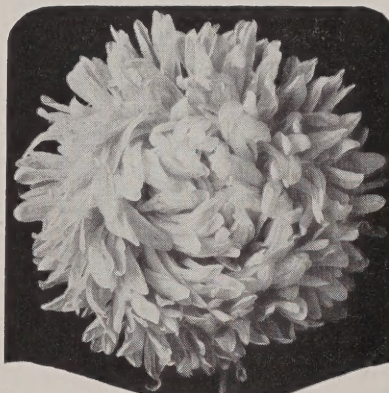
—An excellent mixture of a wonderful color range. Tests have proven that 75% to be absolutely rust proof. Height 30-inches (Certificate of Honor A. H. S. .35). Pkt. 15c; 1/16 oz. 35c; 1/8 oz. 50c.

Asters

EARLY BEAUTY

A superb early flowering American beauty aster growing two or three feet tall, of branching habit. Blooming from August until frost.

	Pkt.	1/8 oz.	1/4 oz.	1 oz.
Crimson (Wilt Res.)	15c	35c	60c	\$1.00
Lavender (Wilt Res.)	15c	35c	60c	\$1.00
White (Wilt Res.)	15c	35c	60c	\$1.00



American Beauty

AMERICAN BEAUTY—(Early Wilt Res.) — **Crimson**, carmine rose, purple, white. Finest mixed. Any of the above five varieties, pkt. 15c; 1/8 oz. 35c; 1/4 oz. 60c; 1/2 oz. \$1.00.

BEAUTY CAR-MINE ROSE—Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 60c; 1 oz. \$1.

U P R I G H T BRANCHING

(Wilt Res.)—**Flesh Pink** (Enchantress Pink)—Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 60c; 1 oz. \$1.00.

GIANT BRANCHING COMET (Wilt Res.) **Royal Purple**—**White**—Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 60c; 1 oz. \$1.00.

IMPROVED CREGO (Wilt Res.)

Robust plants, growing two feet tall. Flowers large, double and well-formed of the comet type making a very fine variety for all purposes.

Crimson—Rich velvety color, very good; shell-pink; soft.

Deep Rose—Very well liked.

Violet—A very lovely shade.

White—Excellent planted alone or with dark colors.

Any of the above five varieties—Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 60c; 1 oz. \$1.00.



Improved Crego

OSTRICH FEATHER (Wilt Res.)—This variety has long stems bearing full fluffy flowers. Plants 2 ft. tall, branching, strong growing and blooming in early September.

Deep Rose—Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 60c; 1 oz. \$1.00.



Sunshine Aster

IMPROVED NEW GIANTS CALIFORNIA SUNSHINE—A novelty and a distinct type of aster. The outer petals are twisted and quilted and surround a central cluster of florets which is of a harmoniously pale color. A wonderful cutflower. Very striking for decorative purposes. Pkt. 10c; 1/8 oz. 35c; 1/4 oz. 65c.

IMPROVED GIANTS OF CALIFORNIA

A most artistic aster that is so gracefully curled and interlaced combining both the feather type

aster with the long straight stems of the Beauty class. Producing large sized double flowers on vigorous plants of 2 to 3 ft. tall. Blooms from mid season until frost.

White	Dark Purple
Peach Blossom	Silvery Rose (Rich rose silver tipped)
Light Blue	Finest Mixed
Deep Rose	

Prices—Any of the seven above varieties—Pkt. 15c; 1/8 oz. 50c; 1/4 oz. 85c; 1/2 oz. \$1.50.

SUPER GIANTS EL MONTE —

Flowers are from 6 to 8 inches across with full petals, graceful, interlaced petals, plants 2 1/2 feet tall, from 6 to 8 long non laterals per plant, crimson. Very early and long lasting flowers. Pkt. 20c; 1/8 oz. 50c; 1/4 oz. 85c.



Super El Monte

SUPER GIANT LOS ANGELES

(Wilt Res.)—One of the finest in asters for size and beauty, gracefully interlacing petals, resemble chrysanthemums. Color is a true shell pink. Pkt. 20c; 1/8 oz. 50c; 1/4 oz. 85c.



Mammoth Type Peony

AURORA ASTER (Wilt Res.) — Golden sheaf of deepest yellow. Pkt. 20c; 1/8 oz. 50c; 1/4 oz. 85c.

GIANT MAMMOTH PEONY FLOWERED TYPE—An exceptional fine aster in the late flowering varieties. Is of immense full double flowers borne on long sturdy stems quite free of laterals. A very choice aster for cut-flower purposes and a very fine shipper. Plants 2 1/2 to 3 feet tall. Bloom from mid-summer until frost.

Azure Fairy (Rich Blue)	Swansdown (Pure White)
Maiden's Blush (Flesh)	All Colors Mixed—Carefully blended.
Peach Blossom (Pink)	

Prices—Any of the seven above varieties—Pkt. 15c; 1/8 oz. 50c; 1/4 oz. 85c; 1/2 oz. \$1.50.

Perennial Asters, see page 15

Balsam

DOUBLE CAMELIA-FLOWERED. A very attractive and brilliant colored flowering plant capable of withstanding drought, which blooms all during summer, until frost. For best results plant in a well drained, rich soil.

	Pkt.	1/4 oz.	1/2 oz.
Crimson	15c	30c	50c
Salmon rose	15c	30c	50c
Finest mixed	10c	25c	40c

Calendulas

A very striking yet pleasing hardy annual which blooms from June until frost in climate where the summers are not too hot. The following list of Calendulas are of the large flowered and full double varieties. Culture very easy succeeding best in ordinary well drained soil. Sow any time in early spring and summer.

YELLOW COLOSSAL (New)—Largest Calendula in the world. The most profuse blooming of all large-flowered Calendulas. The well formed, bushy, plants grow 18" high and are loaded with double clear bright yellow flowers of 4 1/2 inches or more across. Is one of the finest Calendulas for cut flower purposes and highly recommended for border edgings and bedding. Pkt. 25c; Large size Pkt. 50c; 1/4 oz. 35c.

ORANGE SHAGGY (Gold Medal Award Winner)—The closely set petals are long and deeply fringed or laciniated rich orange. Flowers freely. Stems of good length 18" high. Pkt. 15c; 1/4 oz. 25c.

ORANGE KING—Brilliant orange, compact growth, good bedding variety. Pkt. 15c; 1/4 oz. 40c.

ORANGE FANTASY CRESTED (New)—Long twisted outer petals, short curled inner petals; deep bronze or coppery orange with Mahogany bronze center, 15 inches tall. Pkt. 15c; 1/8 oz. 45c.

SUNSHINE CHRYSANTHA—A very beautiful, and distinct from all other Calendulas. Has large, clear buttercup yellow. Long loosely arranged petals, with strong stems. Pkt. 15c; 1/4 oz. 30c.



Chrysantha Twilight

CHRYSANTHA TWILIGHT — A very attractive clean cream. Pkt. 15c; 1/4 oz. 25c.

CALENDULA FRILLED BEAUTY—New deep orange attractively frilled. Very fine bedder. Pkt. 15c; 1/4 oz. 30c.

BALL IMPROVED LONG ORANGE—A new and very attractive variety. Flowers very large, bright golden orange with light eye. Extra long stems. Pkt. 20c; 1/8 oz. 35c; 1/2 oz. 70c.

FLORISTS MIXTURE—A well blended mixture of named varieties. Pkt. 10c; 1/4 oz. 35c; 1/2 oz. 60c.

Candytuft (Iberis)

GIANT HYACINTH FLOWERED (Coronaria)—A very attractive garden and cut flower plant, throwing from 6 to 10 mammoth hyacinth-like spikes 15 to 20 inches tall. Pure white. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c.

See page 19 for Perennial Candytuft

Geraniums

If you are looking for something new and easy to grow, that will furnish extra color for your garden and your home try a packet of Diener's New Hybrid Geranium Seed. The flowers, and clusters of flowers, are twice and more than usual size. Colors are mostly flame red.

DIENER NEW HYBRID MIXED—Pkt. 50c; 3 pkts. \$1.25.

Centaurea

JUBILEE GEM — Dwarf Compact plants literally covered with dark but vivid double blue flowers fine for edgings, borders, rock gardens and pot plants. Pkt. 15c; $\frac{1}{4}$ oz. 60c.

GIANT IMPERIALS MIXED — These are also known as giant Sweet-Sultan. A glorious mixture of many lovely colors. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

MOSCHATA (Sweet-Sultans Mixed) — Somewhat smaller flowered and not quite so tall growing as the Giant Imperials. Many pretty colors Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 40c.



Jubilee Gem

Cineraria

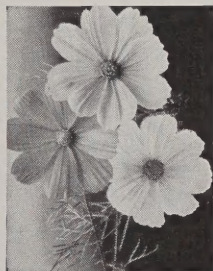


CALIFORNIA SUPER GIANTS — A marvelous, beautiful house plant. In full bloom it makes a solid dome of flowers with only the leaves showing above the pot. Giant sized flowers measure from 4 to 6 inches across. Colors of exquisite pastel salmon, azure blue and snowy white to the deepest blood red and violet blues. Pkt. 50c; Large pkt. \$1.00.

Cosmos

A very lovely summer and fall blooming plant used not only for the garden display, but also makes a wonderful cut flower for the home; very popular and of easiest culture.

EARLY FLOWERING SINGLE FINEST MIXED — Very desirable color combination; begins flowering in 12 weeks from time of sowing and blooms until frost. Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 35c.



Cosmos Mixed

LATE FLOWERING SINGLE — Long stemmed with giant size flowers often reach 5 inches across. Blooms from September until frost. Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 40c.

EXTRA EARLY DOUBLE CRESTED — Flowers are of a lovely anemone-shape 2 to 2 $\frac{1}{2}$ " across. 3 to 4 feet high. Pkt. 15c; $\frac{1}{4}$ oz. 75c; $\frac{1}{2}$ oz. \$1.25.

Cynoglossum (Chinese Forget-me-not)

Graceful loose sprays of large, forget-me-not like flowers, produced throughout the summer, of easiest culture. A choice garden flower.

AMABILIS IMPROVED BLUE — Pkt. 15c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 40c.

Dianthus



Laciniatus Splendens

LACINIATUS SPLENDENS — Neat and compact in habit, bearing generous quantities of large sweet-scented single flowers of brilliant crimson with a boldly contrasted glistening white eye. Splendens has but few equals as an edging plant. Very fine for bedding and when used for cuttings. Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

DIANTHUS HEDDEWIGI — A very attractive Double Mixed Dianthus with many showy colors. Pkt. 10c; $\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 50c.

Perennial Dianthus, see page 17

Dahlia

FINEST DOUBLE MIXED — Seeds saved from many choice named varieties of the large flowering formal and informal Dahlias. A wide range in colors. Very fine. Pkt. 25c; $\frac{1}{16}$ oz. 75c; $\frac{1}{8}$ oz. \$1.25.



Double



Cactus

CACTUS FLOWERED MIXED — Seeds saved only from selected named stock of double and semi-double cactus flowered varieties. Very attractive color combination. Pt. 25c; $\frac{1}{16}$ oz. 75c; $\frac{1}{8}$ oz. \$1.25.

Eschscholtzia (California Poppy)

Well known, easily grown, low spreading annual; continual bloomer from May to frost. Sow outdoors.

GOLDEN GLORY — A bi-color combination of golden yellow deepened at the center with orange, fully double flowers. Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

CREAMY CRINKLES — Large extra double flowers of a delightful pastel tone of soft apricot-buff; petals are beautifully crinkled. Pkt. 25c; $\frac{1}{8}$ oz. 90c.

Oriental Poppies (Perennial), see page 20

Fuchsia (Hybrids)

Single and Double mixed of large size with corollas differing in color from that of the sepals. Make lovely pot plants and also grows good in a rich heavy soil in shady places for out-of-doors bedding purposes. Pkt. 50c; 3 Pkts. \$1.25.



Gaillardia

One of the most dependable and profuse blooming plants in the garden; with stands drought and hot weather. Brilliantly colored with long stems. Easily grown in ordinary good garden soil.

FINEST DOUBLE MIXED (Picta Lorenziana)

Special re-selected strain of attractive colors in pink and canary yellow; except on a large flowers, 15 to 18 inches tall. Very fine cut flower. Pkt. 15c; 1/4 oz. 30c; 1/2 oz. 50c.



Picta Lorenziana

Perennial Gaillardia, see page 19

Godetia

DWARF COMPACT (Single)—A fine mixture of all shades in rose, pink, cerise, carmine, scarlet, lavender, cream and white of large size flowers of 2 1/2 to 3 inches across. Dwarf bushy plants. Very fine for borders. Pkt. 10c; 1/8 oz. 20c; 1/4 oz. 35c.

Gladiolus Hybrids (Diener)

MIXED COLORS (New)—Seeds gathered from the finest named varieties and of latest crossings. Pkt. 25c; 3 pkts. 60c.

Hunnemannia

SUNLITE—Exquisitely beautiful, Semi-Double. Clear canary yellow tulip-shaped flowers. Will grow anywhere; however, will do better in a limed sandy soil. Pkt. 15c; 1/4 oz. 50c; 1/2 oz. 85c.

Ipomea (Morning Glory)



Scarlet O'Hara

CULTURE: Ipomeas like a rather poor soil and should be planted only when the soil is warm otherwise the seed will not germinate. Fertilizer should not be used as it will only induce leaf growth thus hiding the flowers.

SCARLET O'HARA — Gold Medal

Winner '39—Entirely new. Its color a dark wine red, blooms profusely producing flowers of 3 to 4 inches across, and flowers

remain open all day even in the warmest weather. Pkt. 25c; 3 pkts. 60c; 5 pkts. \$1.00.

HEAVENLY BLUE (Clark's Earliest)—A very attractive sky-blue, shading to a golden yellow throat. 15-foot vines. Excellent plant for walls, fences and trellis. Pkt. 20c; 1/4 oz. 30c; 1/2 oz. 55c.

Larkspur (Annual)

GIANT IMPERIAL IMPROVED

One of the most desired and loveliest annuals for the garden. They are easily and quickly grown. Very free flowering, produces an abundance of large double blooms on long strong spikes 3 to 4 feet tall.



Larkspur

MISS CALIFORNIA—deep pink on salmon.

CARMINE KING—Deep Carmine Rose.

EXQUISITE PINK—Improved rich soft pink.

EXQUISITE ROSE

BLUE SPIRE—Very deep violet blue.

LILAC SPIRE

WHITE SPIRE—good clear white.

DAINTINESS—Delicate Lavender.

GLORIA—Bright rose pink.

PINK PERFECTION (New 1940)—Lovely light pink or salmon pink.

DAZZLER—A rich scarlet.

IMPROVED LOS ANGELES—Salmon rose; highly recommendable.

FINEST MIXED—From separate colors.

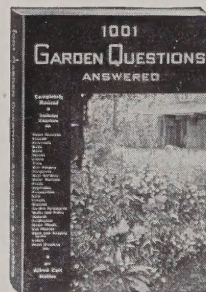
PRICES of any of the above giant Imperial Larkspur, Pkt. 15c; 1/4 oz. 35c; 1/2 oz. 60c; 1 oz. \$1.00.

Lilium Regale (Regal Lily)

One of the loveliest of all lilies. Easily grown from seed, blooms the third year. White trumpet like flowers with golden center, very fragrant. (Hardy) Pkt. 15c; 1/4 oz. 35c.

Lilium Formosanum (New)

Large trumpet shaped white flowers slightly marked with red-dish brown on base of each petal. Strong stems 5 ft. tall. Hardy and easy to grow everywhere. It is best to sow these seeds in flats and give them a light covering. When seedlings have a few leaves about two inches long, transplant into the open, one foot apart. Flowers in the fall. Pkt. 20c; 1/8 oz. 60c; 1/4 oz. \$1.00.



1001 GARDEN QUESTIONS ANSWERED

"Revised 50%, 1935"

By Alfred C. Hottes

Covers all phases of gardening on the medium-sized place—flowers, fruits, vegetables, trees, shrubs, walks, etc. A veritable encyclopedia.

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By Alfred C. Hottes

Full information on climbers, ground-covers and creepers. 250 pages; 82 illustrations. Cloth, \$2.00; postpaid, \$2.15.

Marigold

SUNSET GIANTS—The largest marigold yet developed. Flowers average 5" across sometimes attain up to 8 inches across. Flowers vary not only in size but formation as well as color. Their colors are orange and yellow. Orange predominating, height 3½ feet. Pkt. 15c; ⅛ oz. 35c; ¼ oz. 60c.



Sunset Giant



Crown of Gold

CROWN OF GOLD (Collarette)—Flowers with outer row of broad petals and centers of short curled and twisted petals forming a delightful crested bloom of rich orange color. Odorless foliage. All American Gold Medal Winner. Pkt. 10c; ⅛ oz. 25c.

GUINEA GOLD—Brilliant orange, double and semi-double ruffled, with loose petals, tall. Very popular. All American Gold Medal Winner. Pkt. 10c; ¼ oz. 30c.

FERDINAND (Tall French)—New golden yellow crested center with single row of red petals. Odorless foliage, early. Pkt. 25c; ⅛ oz. \$1.50.

GOLDEN BALL (French)—New intensely double, deepest orange in color and comes remarkably true from seed. Dwarf compact. Pkt. 10c; ¼ oz. 25c; ½ oz. 45c.

VAPORITE

This is a soil insecticide which destroys all insect pests living in the soil, such as wire-worms, nematodes, cutworms, etc. Vaporite mixed in the soil, one pound to the cubic yard, will completely destroy them. After mixing, cover the soil with empty sacks and allow it to stand for about three days so the gas which forms will have plenty of time to take effect. After three days it will do no harm to the plants.

Vaporite is easy and harmless to handle and will rid your garden or grounds of all forms of soil pests. Vaporite is scattered over the soil and forked or raked in. Vaporite creates a gas which remains active in the soil for a month. Vaporite can be safely used with growing plants. Vaporite is recommended by leading American and English Seedsmen.

4 lbs. in air-tight screw-top can, \$1.50 (Postage paid in U. S.)

25 lbs., \$5.50; 50 lbs., \$10.00; 110-lb. keg, \$20.90 (f. o. b. Los Angeles).

No orders accepted for less than 4 lbs.

Use one pound to fifty square feet and 330 pounds to an acre outdoors.



Ferdinand



Harmony

DWARF DOUBLE HARMONY (French)—A very charming and distinct type resembles a Scabiosa in formation with deep orange center petals flanked by broad guard petals of velvety dark maroon. Compact growth of 12 inches high. Very fine border variety, its lasting qualities give great value for cuttings. Pkt. 15c; ¼ oz. 35c.

GOLDEN GLOW—A new form of odorless Marigold with hundreds of closely packed tubular petals, forming globular 2½ inches across. Golden yellow flowers borne in clusters; early. Pkt. 25c; ⅛ oz. 70c.

MEXICAN DWARF ORANGE—Has large double flowers of bright orange. Branches freely and blooms profusely, from July until frost. Pkt. 10c; ¼ oz. 30c.

ROYAL SCOTT ALL-DOUBLE (French)—A most striking color combination in rich mahogany and old gold. A new strain of dwarf striped french. Compact, bushy, uniform. Very choice. Pkt. 15c; ⅛ oz. 35c; ¼ oz. 60c.

LITTLE GIANTS MIXED—Compact little plants growing to a height of 15 inches. With flowers ranging from canary yellow to a bright orange. Vary in form from the informal carnation type to a perfect ball shape. With foliage of a beautiful dark green shade. Pkt. 15c; ⅛ oz. 50c; ¼ oz. 85c.

GOLDSMITH (Bronze Medal Winner A.A.)—Is of a rich golden orange color, of a firm Chrysanthemum-Ball shaped flowers, produced on stems 18" long. An excellent border plant and is equally good for cutting. Pkt. 20c; ⅛ oz. 45c.

Nasturtium

IVY LEAF—A very lovely novelty of dwarf compact growth, has dark deep green heavily veined leaves, flowers are of a single color. Pkt. 20c; 3 Pkts. 50c; ½ oz. 30c.

GOLDEN GLEAM—Beautiful, rich golden yellow, sweet-scented, long stemmed flowers of 2½ to 3 inches across are borne well above the foliage. Blooms continually, very popular. Pkt. 10c; 1 oz. 20c.

DOUBLE MIXED HYBRIDS (All colors mixed)—A wonderful array of colors ranging from pale primrose through yellow, salmon, pink and salmon to deep maroon and mahogany. Many are beautifully variegated or blotched. Pkt. 10c; 1 oz. 25c; 4 oz. 75c.



GARDEN GUIDE

Each subject by different experts. Information on every phase of gardening pertaining to small or average sized homes.

576 pages; 300 illustrations. Cloth, \$2.00; postpaid, \$2.15.

Pansies

For best results in growing Pansies start by getting a good strain. Then sow seeds in a flat or in cold frames in a good rich sandy leaf mold or if leaf mold is not to be had a rich, loamy soil will do where beds have a good drainage and are in a sunny location. Seed must then be covered very lightly with sifted soil and kept moist. They then must be kept covered with burlap until germination, at such time the burlap should be removed. A temperature of about 75 degrees or a bit less is about right for sprouting Pansy seed. The seedling plants should be transplanted twice, in order to get the largest flowers, transplanting once from the seed pans to the sheltered beds, then later transplanted to the open garden. Pansy seed may be sown actually at three separate seasons of the year. First if started in the house, from February to April the Pansies will bloom from July on. Second sown outdoors in May, beautiful flowers are produced in the fall. Then sown in frames during July and August and transplanted later. The main flowering crop then comes in the spring. The following varieties of Pansies are of the true Mastodon strain.

MASTODON PANSIES



JUMBO MIXED (New)—These Pansies will bring gigantic flowers without any special effort, measuring up to 4 1/4 inches in diameter. They have a wide range of colors in all shades of the rainbow. Pkt. 25c; 1/32 oz. 85c; 1/16 oz. \$1.25; 1/8 oz. \$2.25; 1/4 oz. \$4.25; 1/2 oz. \$8.25.

SEA BLUE (New)—The most beautiful shade of blue we have ever seen. Very large. Pkt. 25c; 1/32 oz. 40c; 1/16 oz. 75c; 1/8 oz. \$1.00.

"400" MIXED—A super Swiss strain. Grand in size, form, color, and substance. Huge jewels of velvet and red and gold, with variations of those colors, including shades entirely new. This variety is far superior than that of Masterpiece. Pkt. 25c; 1/32 oz. 50c; 1/16 oz. 85c; 1/8 oz. \$1.35; 1/4 oz. \$2.50; 1/2 oz. \$4.75; 1 oz. \$9.00.

MIRACLE MIXED—Finest types of Mastodon strains, latest novelties. Pkt. 25c; 1/32 oz. 35c; 1/16 oz. 65c; 1/8 oz. \$1.25; 1/4 oz. \$2.00; 1/2 oz. \$3.75; 1 oz. \$7.00.

MASTERPIECE MIXED—Long stems. Best for cut flowers. Pkt. 25c; 1/32 oz. 45c; 1/16 oz. 85c; 1/8 oz. \$1.50.

ACES MIXED OR GREENHOUSE SPECIAL—Fine market strain. Pkt. 25c; 1/16 oz. 50c; 1/8 oz. 85c.

GOLDEN GATE—A monster golden yellow.

MLLE. IRENE—A henna red type; new to Pansies.

ISABELLE—A ruffled bronze and yellow.

ADONIS IMPROVED—Light blue and lavender shades.

PRICE of each of the above 4 varieties—Pkt. 25c; 1/16 oz. 65c; 1/8 oz. \$1.25; 1/4 oz. \$2.00; 1/2 oz. \$3.75; 1 oz. \$7.00.

PANAMA PACIFIC—A large yellow.

PARISIAN YELLOW—A pure yellow.

BRONZE—Very large, many shades.

BLACK—Nearly all jet black.

GRAND DUKE MICHEL—The largest all-white Pansy.

MADAME STEELE—Elks' purple; immense blooms; a perfect self.

IMPROVED BEACONSFIELD—Upper petals lavender tinge, lower petals violet shades.

PRICES of each of the seven above varieties—Pkt. 25c; 1/16 oz. 60c; 1/8 oz. \$1.00; 1/4 oz. \$1.75; 1/2 oz. \$2.75; 1 oz. \$5.00.

GENUINE IMPORTED ORIGINAL ROGGLI SWISS GIANTS—

Elite mixed; a most unusual mixture of an abundance of rich and very bright colors. The individual flowers measure as much as 4 to 5 inches across; borne on long, strong stems of a heavy substance. One of the finest strains yet produced in Pansies. Pkt. 40c; 1/16 oz. \$1.25; 1/8 oz. \$2.25.

ROCK GARDEN AND ALPINE PLANTS

By H. CORREYON

Here are 542 kinds of rock and Alpine plants that will grow in your garden. It tells which rock plants, native orchids, ferns, and hardy cacti are best; how to build, plant and maintain rockeries and wall gardens; how to acclimate, etc.

33 illustrations, 17 in color, 560 pages. \$3.50.

Salpiglossis



Salpiglossis Mixed

SALPIGLOSSIS EMPEROR (Finest mixed)—Very desirable for bedding and prize cut flowers; large showy trumpet-shaped flowers are of a very charming penciled, nitted and purple. Bloom from July until frost. Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 45c.

Petunias

Petunias being one of our greatest specialties we have tried to spare no trouble or expense in selecting and growing only the best in Petunias. As most everyone knows Petunias have for years been known as one of the most satisfactory annual for general garden display, as they are easily grown and they can be used in nearly any location however large or small the space. Wherever there is plenty of sunlight they succeed in ordinary well drained garden loam such as will grow a good crop of vegetables. As a reward of giving Petunias a little care in good garden soil they will produce their many handsome, sweet-scented flowers in many glorious and delicate colors all summer, as they bloom continually until frost. Some types are especially suited for bedding and pot culture while others are ideal for edging and mass planting. Then, too, there are varieties that are excellent for porch and window boxes, while all Petunias are very fine for cuttings.

For your convenience we have listed the Petunia varieties in groups that are similar in plant growth and in size of flowers so you may be able to select the type best suited for any particular location.

We have also added to the regular list of Diener Petunia seeds many new varieties of different types in order to give our customers a much better selection to choose from.

Nana Compacta

The following list of dwarf compact petunias are very free flowering, of round mound like plants being covered with blooms from early summer until frost. Ideal for edging to taller varieties or other annual or perennial plantings.

NO. 22 ROSE COLOR—Improved rosy morn, dwarf growth, height 6 to 7 inches. Ideal border plant, blooms continually. Pkt. 10c; large Pkt. 25c.

NO. 23 PALE AMARANTH PINK—Dwarf growth, light color. Pkt. 10c; large Pkt. 25c; 1/128 oz. 75c; 1/64 oz. \$1.25.

CREAM STAR DWARF BEDDER (New)—S. M. A. A. S. 1940—Unique in color and form, covered with flowers continually. Pkt. 25c; 1/32 oz. 40c; 1/16 oz. 70c.

HEAVENLY BLUE—Medium to light silver blue. Pkt. 25c; large Pkt. 50c; 1/16 oz. 65c; 1/8 oz. \$1.10.

VELVET BALL (New)—Large flowered velvety crimson, quite dwarf. Pkt. 25c; large Pkt. 50c; 1/8 oz. \$1.00.

KING HENRY—Rich velvety red, extra dwarf, large flowered Pkt. 25c; large Pkt. 50c; 1/32 oz. 85c.

GLOW (New)—Dwarf, compact growth, bright rose red with lighter center, extremely free flowering. Pkt. 25c; 1/16 oz. 75c; 1/8 oz. \$1.20.

Small Flowering Varieties

NO. 11 DIENER'S BLUE—Deep, silky blue, immensely free flowering of semi-dwarf growth. We especially recommend this variety for border and bedding. Very popular. Pkt. 10c; large Pkt. 25c; 1/128 oz. 75c; 1/64 oz. \$1.25.

NO. 14 DIENER'S PINK GLORY—Pure flame rose pink, compact grower, blooms continually. Dwarf, lovely bedder. Pkt. 10c; large Pkt. 25c; 1/128 oz. 75c; 1/64 oz. \$1.25.

NO. 30 FLAMING VELVET—Brilliant velvety mahogany red, of medium sized flowers. A very outstanding novelty. Very fine for bedding and window boxes. Pkt. 10c; large Pkt. 25c; 1/128 oz. 75c.

WATER GARDENS AND GOLDFISH

By R. V. Sawyer and E. H. Perkins

Contents: Waterlilies on Balcony, Dooryard, Water Gardens, Concrete Pools, Pool and Rockery Combinations, Waterlilies, Sacred Lotus, Victorias, Lesser Aquatic Plants, Pond Folks, Cultural Directions, Home Aquarium and Its Management, Popular Varieties of Goldfish, Foods, Diseases and Simple Remedies, Enemies, Breeding, Goldfish in the Garden Pool, Wintering Goldfish, Aquarium Construction.

Full information, from Waterlilies in a tub to a regular-sized pool, coupled with complete information on the care and breeding of Goldfish.

272 pages, 5 x 7 1/2; 126 illustrations; jacket in two colors. \$2.00.

Fringed Grandiflora (Single)

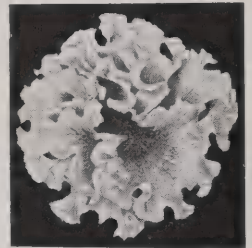
NO. 9 PEARL OF KENTFIELD—Rose pink with gold throat. Semi-Dwarf. Pkt. 25c; large pkt. 50c; 1/128 oz. 75c.

NO. 16 WHITE BEAUTY—Snow white, heavily fringed, excellent bedder. Pkt. 15c; large pkt. 25c; 1/128 oz. 75c.

NO. 17 PALE SULPHUR YELLOW—Deep sulphur, medium tall, very attractive either as a pot plant or bedder. Pkt. 15c; large Pkt. 25c.

NO. 27 PINK PERFECTION—New salmon pink, frilled. A very outstanding variety for bedding, boxes or basket plantings. Pkt. 15c; large pkt. 25c; 1/128 oz. \$1.00.

Large pkts. have twice as much seed per pkt.



Pearl of Kentfield

Super Fluffy Ruffles (New)

SALMON ROSE—A new introduction of an exquisite lovely deep salmon rose, with a very attractive golden throat. Flowers of 3 1/2 to 4 inches in diameter. The flowers are so heavily frilled and ruffled they oftentimes are taken for doubles. Pkt. 50c; large pkt. 85c.

ALL COLORS MIXED—A well balanced mixture of pink and white, salmon, salmon pink, deep rose, rose, crimson and light blue. Large flowers. The most outstanding beauty of this Petunia is the frilled and ruffled edges. This type is practically 100% true. Pkt. 50c; large pkt. 85c.

Ruffled Grandiflora

NO. 19 GIANT PINK GLORY IMPROVED—Exceptionally good for pot plants and window boxes. Pkt. 25c; large Pkt. 50c.

NO. 15 PURPLE AND WHITE—White star in center, especially good for window boxes. Pkt. 25c; large Pkt. 50c.

NO. 21 STEEL BLUE—Darker veined center with ruffled edges. Flowers 4 inches in diameter. Very attractive. Pkt. 15c; large Pkt. 25c; 1/128 oz. 75c.

NO. 45 SANTA BARBARA—Clear flame rose, very large flowers. This variety is unquestionably the best in its class for pot plants and bedding, as it blooms continually. Dwarf. Pkt. 25c; large Pkt. 50c; 1/128 oz. 75c.

NO. 46 DEEP VELVETY VIOLET—Flowers of deep velvety violet, 4 to 5 inches in diameter. Exceptional free bloomer and is in its class a first class pot and bedding plant. Pkt. 25c; large Pkt. 50c; 1/128 oz. 75c.

Giant Ruffled Monster of Separate Colors

The following list of Petunias consisting only of named varieties have a medium dwarf habit, with flowers of the same open throat as is found within our world famous Ruffled Monster Mixed No. 8.

- NO. 1 PINK**—Large salmon pink, heavily veined center, exquisite color combination. Pkt. 25c; large Pkt. 50c.
- NO. 2 FLESH PINK**—Flesh pink. Heavy veined center. Pkt. 25c; large Pkt. 50c.
- NO. 3 VARIEGATED**—Red and white, pink and white, coppery red and white, colors appear in blotches, flowers measure from 5 to 6 inches in diameter. Pkt. 25c; large Pkt. 50c.
- NO. 4. WHITE**—White with yellow center. Pkt. 25c; large Pkt. 50c.
- NO. 5 RED**—Dark veined with coal black center. Truly a gem in Petunias and a great favorite with all flower lovers. Pkt. 25c; large Pkt. 50c.
- NO. 7 RED AND WHITE VARIEGATED**—Large golden center. Flowers measure 4 to 5 inches in diameter. Pkt. 25c; large Pkt. 50c.
- NO. 10 SALMON ROSE**—Light veined, clear color. Very attractive. Pkt. 25c; large Pkt. 50c.
- NO. 12 COPPERY PINK AND WHITE VARIEGATED**—Flowers of 5 to 6 inches in diameter, golden yellow center. Pkt. 25c; large Pkt. 50c.
- NO. 13 HELIOTROPE**—A pinkish mauve—5 to 6 inches in diameter, deeper veined center, very fine. Pkt. 25c; large pkt. 50c.
- NO. 20 MAUVE**—Center heavily veined with royal purple, a most exquisite and popular variety; average flowers five inches across; very fragrant. Pkt. 25c; large pkt. 50c.
- NO. 41 COPPERY RED**—A very attractive copper color with a dark throat. Very popular. Pkt. 25c; large Pkt. 50c.
- CAMILLA PINK**—Red veined, dark throat. Pkt. 25c; large Pkt. 50c.
- PRINCESS OF WUERTEMBERG**—Rose with a lovely garnet throat. Pkt. 25c; large pkt. 50c.

COMMERCIAL FLORICULTURE

By Fritz Bahr

Economic and business conditions for the retail grower with full cultural details under glass and outdoors. 616 pages; 327 illustrations. Cloth, \$5.50.

All Double Petunias

This variety of double petunias make perfect pot plants, and are attractive when used in porch boxes. They also make a very fine bedder when a dwarf, compact growth is desired. Remarkably uniform.

BLUE BROCADE, violet purple.

AMARANTH RED, strong, outstanding red.

GAIETY, rose pink and white (Choice).

LOVELINESS, somewhat lighter than World Beauty.

ORCHID BEAUTY, orchid or light lilac.

WORLD BEAUTY, all double, fringed flowers, original strain.

SNOWBALL, best fringed white.

VICTORIOUS MIXED—A wonderful new dwarf compact Petunia. A practically 100% double, beautifully fringed and ruffled flowers that measure 4 inches across.

PRICES on all double varieties listed above: Large pkt. 75c; 2 pkts. \$1.40.

Giant Ruffled Monster (Mixed)

NO. 8 RUFFLED MONSTER, MIXED (Diener)—This mixture contains all separate colors of ruffled monsters listed as well as many other colors not mentioned this year. The average growth of these plants are more dwarf. This is a variety that has for years drawn many unsolicited testimonials for their wide selection of color, giant sized flowers and their hardy plant growth. Pkt. 25c; large Pkt. 50c; 1/128 oz. \$1.50; 1/64 oz. \$2.50.



Ramona Strain

NO. 47 JUMBO MIXTURE OF RUFFLED MONSTERS — Selection of the very largest and most outstanding colors of medium growth. Pkt. 50c; 3 Pkts. \$1.25; 1/128 oz. \$1.50.

RAMONA STRAIN — Of dwarf growth, especially suited for pot culture. Flowers are beautifully ruffled and fringed of all dark shades. Pkt. 25c; large Pkt. 60c; 1/64 oz. \$2.50.

GIANTS OF CALIFORNIA — A mixture of light and dark colors fringed and ruffled with attractive deep throats, many beautifully veined. Pkt. 40c; 3 Pkts. \$1.50; 1/128 oz. \$1.00; 1/64 oz. \$1.75.



RUFFLED MONSTER

Diener Petunia

Double Petunias of Separate and Mixed Colors

NO. 24 SALMON—A new color in petunias of semi-dwarf growth flowers of 4 inches across.

NO. 25 COPPER RED—Semi-dwarf growth flowers 4 inches across.

NO. 26 GREEN EDGED—A very outstanding novelty which comes in all colors. All have a seam around the petals of a grass green. A petunia that will attract attention anywhere.

NO. 40 MADONNA—Snow white, double frilled, 4 inches in diameter. Very popular.

HELIOTROPE—Beautiful clear Heliotrope.

CRIMSON—A very beautiful, velvety, deep rich crimson.

PRICE—Any of the above separate color Double Petunias—Pkt. 50c; large pkt. \$1.00; 1/128 oz. \$2.75.

NO. 38 DOUBLE RUFFLED MONSTERS MIXED—Includes all colors as found in the Single Ruffled Monsters Mixed which produce flowers up to 9 inches in diameter. The percentage of doubles is very high. No matter what other varieties of double petunias there are on the market, including the 100% doubles from foreign countries, you will find by comparison that ours excels in growth, color and size, so buy American seeds and keep the money in this country. Pkt. 50c; 3 pkts. \$1.25; 1,000 seeds \$1.50; 1/128 oz. \$3.25.

NO. 42 LARGE DOUBLE FRILLED MIXED—One of the highest standing commercial petunias of today. When in 2½ and 3 inch pots, they begin flowering when only 3 to 4 inches high. The flowers being of the heavily frilled type, from 4 to 5 inches in diameter. Truly a petunia that is eagerly sought by the public. Pkt. 50c; 3 Pkts. \$1.25; 1,000 seeds \$1.50; 1/128 oz. \$3.25.

NO. 43 ROSE PINK FRILLED—Heavily frilled deep rose color of fluffy, ruffled type, flower 4 to 5 inches in diameter. Pkt. 50c; 1/128 oz. \$3.25.

NO. 44 ROSE PINK AND WHITE VARIEGATED—Of the frilled fluffy ruffled type. Flowers four to five inches across, of dwarf, compact growth. Pkt. 50c; 3 pkts \$1.25; 1/128 oz. \$3.50.

NO. 48 LA FRANCE PINK—Carnation type, strongly veined, heavily frilled petals, medium size. Pkt. 50c.

Scabiosa

A very much loved favorite of garden annuals which is greatly improved in size and colorings. Scabiosa have long, graceful stems of long lasting quality which add to the beauty of making bouquets. Very fine for border and bedding, seed may be sown outdoors, of easy culture.

GRANDIFLORA FL. PLENO — Mixture of largest and finest double, long stems, unexcelled for summer cutting. Pkt. 15c; ¼ oz. 25c; ½ oz. 40c.

IMPERIAL GIANTS "BLUE MOON"—Rich, deep lavender, blue. The flower is composed entirely of broad, heavy, wavy petals, entirely unlike the old pin-cushion type. Ideal for cutting. Pkt. 15c; ½ oz. 25c; ¼ oz. 45c.



"Blue Moon"

Schizanthus

EXCELSIOR COMPACTUS—Finest mixed plants of a dwarf compact growth of about 6 inches tall, very free flowering. Colors of pink, rose, cream, white and some darker colors very fine pot plants. Blooms all summer in cooler climates. Pkt. 20c; ¼ oz. 65c.

GRANDIFLORA BUTTERFLY MIXTURE—Seed may be sown in seed beds or in the garden in set plantings. Produces masses of dainty marked flowers. A strikingly bright mixture of full color range. Pkt. 20c; ½ oz. 40c.

Statice Sinuata (Everlasting)

An impressive cut flower fresh or dried. Must have rich sandy loam, good drainage and plenty of sun. May be sown indoors and later transplanted.



SEPARATE COLORS of White, Blue, Deep Blue and Yellow and all these colors mixed. Per Pkt. 15c; ½ oz. 30c; 1 oz. 50c.

PASTEL SHADES—A mixture of all the most modern shades of statice of chamois, reddish pink, flesh pink, and all intermediate colors. Very fine for cuttings. Pkt. 15c; ½ oz. 30c; 1 oz. 50c.

Perennial Statice, see page 21

Sweet William



A very attractive garden favorite with large showy flower-heads composed of numerous good sized individual blooms. Height 1 to 1½ feet. Very fine for edgings to borders and Bedding. Of easy culture.

COPPER RED—Bright coppery red. Pkt. 15c; ½ oz. 45c.

CRIMSON BEAUTY—Deep crimson with white center marked crimson. Pkt. 15c; ½ oz. 35c; ¼ oz. 50c.

HOLBORN GLORY—Many fine colors, all white, a white eye, striking. Pkt. 10c; ½ oz. 20c; ¼ oz. 35c.

NEWPORT PINK—Rich water-melon pink or salmon rose. Pkt. 10c; ½ oz. 25c; ¼ oz. 40c.

SINGLE MIXED—A well blended mixture of many fine colors. Pkt. 10c; ½ oz. 20c; ¼ oz. 35c; ½ oz. 50c.

Sweet Peas



Giant Ruffled Sweet Peas

BURPEE BLUE—Distinct, deep blue, bright and clear. Uniform color throughout, flowers are large, heavily ruffled and duplexed. Award of merit N. S. P. S. of G. B. Pkt. 20c; 1/2 oz. 35c; 1 oz. 60c.

LADY RUFFLES IMPROVED—Beautiful soft pink on white ground, the warm glow of color running well down to the base of the standard and wings. Winner of gold medal S. N. S. P. S. Pkt. 15c; 1/2 oz. 25c; 1 oz. 40c.

ABUNDANCE (Multiflora)—A most appropriate name for this "many flowered" Sweet Pea. When grown they produce 5, 6, or 7, flowers to the stem. The color of the good-sized flowers is a bright, clear, mauve, approaching the deep shade of certain Cattleya Orchid. Pkt. 25c; 1/2 oz. 60c; 1 oz. \$1.00.

FINEST MIXED—A well-balanced and complete mixture of all the best varieties carefully prepared and blended in the right color proportion. Pkt. 20c; 1 oz. 40c.

Perennial Sweet Pea, see Lathyrus, page 20

Early Spencer Flowering

AMERICAN BEAUTY—Of a glowing crimson color of the American Beauty rose. Long stems, vigorous grower. Pkt. 15c; 1/2 oz. 30c; 1 oz. 50c.

ANNIE LAURIE—Large flowers of splendid form and pure rose-pink. Pkt. 15c; 1/2 oz. 25c; 1 oz. 40c.

BURPEE SALMON—Rich salmon overlaid with a copious sheen always greatly admired. Pkt. 15c; 1/2 oz. 30c; 1 oz. 45c.

BURPEE ORANGE—Bright salmon orange in color. Large flowers, very popular. Pkt. 15c; 1/2 oz. 30c; 1 oz. 45c.

SNOWSTORM IMPROVED—Pure waxy white; graceful blooms of heavy substance, white seeded. Pkt. 15c; 1/2 oz. 25c; 1 oz. 40c.

BURPEE LAVENDER—Lovely light Wisteria Lavender, of a rich, yet soft tone. Desirable. Pkt. 15c; 1/2 oz. 30c; 1 oz. 45c.

BLUE JACKET—Dark Navy blue. Very desirable. Pkt. 15c; 1/2 oz. 25c; 1 oz. 40c.

FELICE GUNTHER—Clear true cambridge-blue remarkable for its purity and uniform color. Pkt. 15c; 1/2 oz. 30c; 1 oz. 45c.

MAROON PRINCE—Deep reddish maroon, long stems, very free flowering. Pkt. 15c; 1/2 oz. 25c; 1 oz. 40c.

FIRE KING—Brilliant fire king, an unusual rich color. Pkt. 15c; 1/2 oz. 30c; 1 oz. 45c.

ORIENTAL—A very outstanding deep cream or primrose of unusual beauty. Splendid. Black-seeded. Pkt. 15c; 1/2 oz. 30c; 1 oz. 45c.

CANARY BIRD—Cream or primrose-large flowers of fine form. One that always pleases. Pkt. 15c; 1/2 oz. 25c; 1 oz. 40c.

THE PREMIER—An outstanding sweet pea because of its glorious scarlet color, which is further enhanced by a sheen of orange-cerise. Always admired. Pkt. 15c; 1/2 oz. 30c; 1 oz. 45c.

BOOK OF BULBS

By F. F. Rockwell

With this complete and practical book you can get the utmost in beauty from every kind of bulbous plant. Clearly written by one who knows; illustrated with 187 beautiful photographs and instructive drawings. Includes tulips, daffodils, hyacinths, lilies, crocuses, glads, dahlias, peonies, irises, begonias, and scores of other beautiful but not-so-well-known bulbs. We recommend it as the best and most complete bulb book.

187 illustrations; 264 pages. \$2.50.

FERTILIZERS FOR GREENHOUSE AND GARDEN CROPS

By Alex. Laurie and J. B. Edmond

Deals with the fundamental factors of plant growth and their relation to the application of various materials to stimulate the growth and development of various cut flowers and pot plants.

This volume will be found to differ with many of the books on the subject of commercial floriculture now in print, in that definite recommendations are made for each crop.

In order to comply with the needs of many who are growing vegetables as well as outdoor ornamental crops, chapters dealing with vegetables have been included. A complete table covering the recommendations in concise form is appended.

156 pages, heavily illustrated, bound in cloth. Price, \$2.00; postpaid, \$2.15.

Trachelium Coeruleum

Large clusters of heliotrope blue flowers atop plants which grow 3 feet tall. Blooms late in fall. Pkt. 25c; 3 Pkts. 60c.

Tritoma, see page 22

Verbena

A select dwarf plant that can be used in edgings, ground cover, porch boxes, rockeries and for cut flower purposes. As they thrive well in poor soil and are able to withstand drought remarkably well. The following list of giant flowered Verbenas are of a robust, spreading growth from 8 to 12 inches tall, with large trusses; and begin flowering in a very short period from time of sowing.



Verbena

BEAUTY OF OXFORD HYBRIDS—

Shades of clear rose pink to rose red.

ETNA—Intense Geranium-red with creamy yellow eye.

LAVENDER GLORY—Pure lavender—creamy white eye.

ROYALE—Deep royal blue with creamy yellow eye.

SALMON—Pink true salmon-pink with white eye.

SPECTRUM—Red—Dazzling red—bright and showy.

WHITE—Combines well with other colors.

Any of the above separate colors—Pkts. 15c; 1/8 oz. 50c; 1/4 oz. 85c.

GIANT FLOWERED, FINEST MIXED—Contains a mixture of above named varieties and other varieties not listed this year. Very harmoniously blended. Pkt. 15c; 1/8 oz. 40c; 1/4 oz. 70c; 1/2 oz. \$1.25.

DWARF COMPACTA ERECTA

Fire Ball—A very attractive bright scarlet. A very striking effect when planted in masses. Pkt. 15c; 1/8 oz. 60c; 1/4 oz. \$1.00.



Venidium

FASTUOSUM HYBRIDS—Gorgeous

Daisy from Africa in mixed colors of buff, lemon, cream, light orange, white, buttercup yellow. Each petal blotched at the base. Height 3 ft., starts flowering 90 days from seed. Pkt. 20c; 1/16 oz. 60c; 1/8 oz. 95c.

Lawn Grasses

SHADY PLACES MIXED—Special mixture of grasses especially suited for shady locations under trees and other shady corners. 1/2 lb. 50c; 1 lb. 90c; 2 lbs. \$1.75; 5 lbs. \$4.20.

LINCOLN PARK MIXED—A splendid mixture of several grasses to meet all requirements of sunny locations. Very fine. 1 lb. 45c; 2 lbs. 80c; 5 lbs. \$1.95; 10 lbs. \$4.00.

WEST PARKS MIXED—An inexpensive lawn mixture of a fine blend. 1 lb. 25c; 3 lbs. 70c; 10 lbs. \$2.25.

KENTUCKY BLUE GRASS—For lawn purposes. 1 lb. 45c; 2 lbs. 85c; 5 lbs. \$2.00.

Larger quantities of lawn grass write for special quotation.

Phyllo Cactus

(Mammoth Flowering Thornless)

These giant flowering Cacti are some of the easiest plants to raise in the windows as they thrive best in a mixture of leaf mold soil and a little white sand and vigorous fertilizer. They should be watered only when the soil in the pots become dry. The main flowering period is in the spring, yet some will flower at off times in the season. The following list of Phyllocactus are a few of the finest varieties to be had.



Phyllo Cactus Copperii

NO. 1 EPHIPHYLLUM CRENATUM—Large white. Each 25c.

NO. 2 CONWAY GIANT—Bright red with purple center 10 to 12 inches across. Each 25c.

NO. 3 EPHIPHYLLUM ALBUM SUPERPUM—Very fine white. Each 50c.

NO. 4 GLORIA—Bright red, very broad petals, 10 to 12 inches across flower. Each 25c.

NO. 5 ARGUS—Salmon pink 9 inches in diameter. Each 25c.

NO. 6 ADONIS—Large pink. Each 50c.

NO. 7 MAGENTA—Rodamine purple 9 inches in diameter. Each 25c.

NO. 8 COOPERII—Large white cream center. Very fragrant. Each 25c.

A COLLECTION of the above varieties, a value of \$2.50 only \$2.00.

Cereus Sinilis

(Genuine Old Man Cactus)

SPECIMAN PLANTS only from 5 1/2, 6 1/2, 8, 9, 16, 17 inches, real beauties.

Prices on request only.

ROCK GARDEN PRIMER

By Archie Thornton

Unusually complete for information on construction. Also gives care and culture.

152 pages; 70 illustrations and 4 color plates. Imitation leather, \$2.00; postpaid, \$2.15.

Zinnias

Giant Dahlia Flowered



Special Gold Medal Mixture

Of immense flowering size. The Giant double flowering Zinnia often produces flowers reaching 5 to 6 inches across and 3 inches in depth on long straight stems of marvelous pastel shades. The plants are of a sturdy well-branching variety that grow to a height of 3 feet. Wonderful for cutting as they last a long time when cut.



Giant Dahlia Zinnia

EXQUISITE—Light rose with deeper rose center creating a most artistic and distinct two-toned color effect.

CANARY BIRD—Delicate shade of primrose yellow.

CRIMSON MONARCH—The largest and best crimson scarlet.

DREAM—Deep lavender turning to rich purple. Desirable.

GOLDEN DAWN—Golden yellow, almost an orange shade; rich and colorful.

ILLUMINATION—Deep Tyrian rose. A beauty.

LUMINOSA—Bright, deep pink with light salmon suffusion of salmon, most appealing.

OLD GOLD—Deep and lighter shades of old gold. A most pleasing color combination.

ORIOLE—Glistening orange and gold bicolors.

POLAR BEAR—The best of all white Zinnias.

PURPLE PRINCE—Rich deep purple. Lovely.

Any of the above separate varieties of the Giant Dahlia Zinnias Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 55c; 1/2 oz. \$1.00.

SPECIAL GOLD MEDAL MIXTURE—A well blended mixture containing all the above varieties. Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 55c; 1/2 oz. \$1.00.

SPECIAL COLLECTION PRICE—One Pkt. each of the following, Giant Dahlia Flowering Zinnia, Exquisite, Crimson Monarch, Illumination, Oriole, Polar Bear; 1 Pkt. of Zinnia Fantasy finest mixed and one Pkt. of finest mixed Zinnia Lilliput a value of 95c all for 75c.

Lilliput Baby or Pompon

Lilliput Zinnias are plants of a dwarf, bushy, and very branching from 12 to 18 inches tall, being literally covered with small double flowers of 1 to 1 1/2 inches across, flowers all summer until frost. Plantings of either bedding or for borders or whether used as cut flowers are bound to create a gorgeous display. Very attractive.

CANARY YELLOW.

CRIMSON GEM.

FLESH PINK.

GOLDEN GEM.

PURPLE GEM.

ROSEBUD (New)—Rose pink.

SALMON ROSE.

SCARLET GEM (Red Riding Hood).

WHITE GEM.

FINEST MIXED.



Pompon Zinnias

Any of the above separate and mixed varieties. Pkt. 10c; 1/4 oz. 35c; 1/2 oz. 60c; 1 oz. 85c.

Fantasy Zinnias

A most fascinating new type of Zinnia introduced to the flower world. The very informal shaggy appearing flowers are very graceful and interesting, quite distinct from the stiff formal Zinnias to which we are accustomed. The color range includes red, yellow and orange as well as popular pastels, pinks and cream.

STAR DUST—Deep golden yellow flowers of the true Fantasy type. Very attractive.

WHITE LIGHT H. M. A. A. S. '39—Best pure white.

ROSALIE (New)—Extraordinary shade of rosy Carmine.

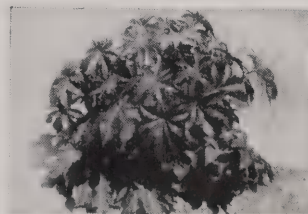
Any of the above separate varieties, Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 60c.

FINEST MIXED—A bright colorful mixture. Pkt. 10c; 1/8 oz. 25c; 1/4 oz. 40c; 1/2 oz. 70c.



Fantasy Zinnia

Ricinus (Castor Bean)



Ricinus

SCARLET QUEEN—Early, maroon foliage, orange-scarlet flowers. Height 5 feet. Very showy when used as a hedge or foundation or screen plantings. Pkt. 15c; 1 oz. 35c.

Pelargoniums

(Diener's Everflowering Hybrids)

Through recent years the introduction of the everflowering *Pelargonium* varieties have given the flower lovers of today the desire to obtain a plant that will produce flowers several times each year, and also have larger flowers and new colors. The following list of *Pelargoniums* have a semi-dwarf growth and the flowers resemble Azaleas. They make very fine pot plants for the home during the winter months and in climates where it never freezes, *Pelargoniums* can be planted out in the garden where they can be used either for mass plantings or for borders.

STANDARD VARIETIES

NO. 1 SANTA MONICA—La France pink with large, deep red spots in the center of two upper petals. Surrounded by rose pink. Single flowers are three inches in diameter. A beauty.

NO. 2 DIENER'S GIANT—Spinel pink. Two upper petals have large, blood red spots in center. Surrounded by rose pink. Flowers four inches in diameter. Unquestionably the largest *Pelargonium* in existence.

NO. 3 RUTH W. McAFEE—Begonia rose with salmon sheen. Deep red spots in center of two upper petals. Three inches in diameter. One of the most beautiful *Pelargoniums*.

NO. 4 BEVERLY HILLS—Amaranth pink or orchid color. Two upper petals have blood red spots. Three inches in diameter. Flowers have fringed edges. A very outstanding variety.

NO. 5 MRS. MARY BARD—Snow white with a few mallow purple stripes in center of flower.

NO. 6 GIANT VENUS—Bright rose pink with a maroon spot in the center of all five petals. Plants of dwarf habit. Flowers 3½ inches in diameter. A very beautiful variety.

NO. 7 GLENDALE—Tyrian rose with blood red spots in center of all five petals. Outstanding variety.

NO. 8 GOLETA—Deep rose color with maroon spots in two upper petals which are surrounded by strawberry pink.

NO. 9 PIRU—Rose color with center of two upper petals deep blood red surrounded by strawberry pink.

NO. 10 SAN DIEGO—Mallow purple. Maroon spots in all five petals. Flowers 2½ inches in diameter with heavily frilled edges. An exceptional variety.

NO. 11 PASADENA—Rose color with maroon spots in two upper petals.

NO. 12 VERA N. WATT—Deep rose pink with blood red spots in two upper petals surrounded by strawberry pink. Flowers ruffled. A beauty.

NO. 14 SANTA BARBARA—Rose red with blood red spots in two upper petals. Flowers ruffled. Plants of dwarf growth.

NO. 15 PASO ROBLES—Carmine. Deep blood red spots in center of two upper petals. Small red spot in three lower petals. A very free flowering variety.

NO. 16 MRS. F. BACHLER—Deep rose-red, center of upper petals blood-red. Flowers 3 inches in diameter. Always in flower. An outstanding, beautiful variety.

NO. 17 THERESE—Light mallow, upper petals Dahlia purple center. Flowers 3 inches in diameter.

Young rooted plants of the above varieties 25c each; 3 for 65c. A collection of 16 varieties \$2.75.



Pelargonium Cuttings Out of 3-inch Pots

New Pelargoniums

NO. 22 LOIS McKAY—Tyrian pink, large, upper petals strongly veined with bordeaux. Fine, healthy grower and a very fine 1938 novelty.

NO. 25 PEGGY CRADDOCK—An exceptionally fine variety of healthy growth. Flowers three inches in diameter. La France pink with Vandyke red spot in center of each petal and stripes of the Vandyke red running from spots towards the center. Received Merit of Award at International Exposition at San Francisco, 1939.

NO. 27—A new variety of exceptional merit. Flowers three inches in diameter. Tyrian pink, a little light in center. Blood red spots in the two upper petals. A very healthy grower of medium height.

NO. 36—A very outstanding variety, of exceptional growth. Flowers three inches in diameter. Pale Rosalane purple with Auricula purple spots in all five petals.

NO. 40 RICHARD DIENER—A *Pelargonium* in a class by itself, being one of the very largest flowering varieties of semi-dwarf growth and having as many as 10 flowers to a stem, each flower measuring up to 3½ inches in diameter. The petals are daintily frilled and the color is a striking clear spinel pink with a dark red spot and veins in the two upper petals. Received Merit of Award at International Exposition at San Francisco, 1939.

The above five varieties of new *Pelargoniums* are sold at 50c each or a collection of one plant each of the five varieties for \$1.75.

No plant or shrub orders filled for less than \$1.00.
Shipment will be made by Railway Express Agency,
Charges "Collect."

PERENNIAL FLOWER SEEDS AND PLANTS

Alyssum Madwort (Basket of Gold)

An early flowering perennial used best on sunny borders or in sunny places, and also does well in rock walls and rock gardens.

CULTURE: Succeeds well in any ordinary soil which must be thoroughly drained. Rock Garden plantings made in groups of three or more make the best showing. Plant in fall or spring 6 to 8 inches apart.

SAXATILE COMPACTUM Pkt. 20c 1/4 oz. 35c; Plants 25c each
Large clusters of bright yellow flowers. Exceptionally fine for rockeries and border plantings. Also does well as a border to bulb plantings. Height 12 inches.

SERPYPHILLIFOLIUM Pkt. 25c; Plants 25c each
(Alpestre) A very dwarf variety of 4 to 5 inches high with racemes of pale yellow flowers and rough gray leaves. Flowers just after Saxatile is through flowering.

Allium

A bulbous plant found practically all over the world.

CULTURE: Can be grown in any good soil in a sunny location in rock garden. To be planted in spring or fall 3 to 5 inches apart.

CYANEUM Pkt. 25c; Plants 30c each
Of sky-blue flowers with dark green grass-like leaves, very lovely. 14 inches tall.

Anchusa (Alkanet)

A stately and handsome herbaceous perennial resembling the forget-me-not plant. The leaves are hairy and silvery green. The flowers are of brilliant blue color borne in racemes on branching stems.

CULTURE: These plants require a deep, well-drained soil, not too damp or heavy. Grown singly they will display their natural contour to the best advantage. Plant in fall or early spring 18 inches apart. *Myosotidiflora* should be planted in groups of three or more about 8 inches apart.

MORNING GLORY Pkts. 25c; Plants 35c each
A very lovely variety with large, pale-blue flowers in June and intermittently all summer. 3 to 4 feet tall.

MYOSOTIDIFLORA Pkts. 50c; Plants 35c each
A distinct dwarf perennial from Russia, with clusters of charming blue flowers resembling forget-me-nots. An effective plant for both shady and sunny locations. Flowers in May and June. 12 inches high.

Anthemis (Chamomile)

An extremely free flowering plant with cut foliage and daisy-like flowers. May be used for group or border plantings. Especially fine for cutting.

CULTURE: Will thrive in ordinary soil in sunny location. Plant in autumn or Spring 10 to 12 inches apart.

TINCTORIA Pkt. 25c
Handsomely cut foliage and large golden yellow flowers produced all summer. Will grow in the poorest soil; excellent cutting qualities.

Anemone (Species)

A simple and easy perennial to grow which produces many hardy cut flowers.

CULTURE: Thrives in ordinary well-drained soil in full sun. Should be planted 6 to 8 inches apart.

PULSATILLA Plants 35c each
Has violet or purple flowers during April and May. May be used in rockeries or in borders; 9 to 12 inches high.

PULSATILLA RUBA Plants 35c each
Dwarf habit of reddish purple flowers.

Aquilegia (Columbine) Long Spurred

CULTURE:—Columbines succeed in ordinary soils containing plenty of Humus. All varieties prefer partial shade. Partial shade allows the flowers to develop better to a larger size and last much longer than if grown in full sun.

CRIMSON STAR
Pkt. 25c; 1/32 oz. 60c; 1/16 oz. \$1.00

Its flowers are of a brilliant crimson sepals and spurs with white petals; a combination of colors entirely new in *Aquilegias*. Of free flowering habit.

LONGISSIMA
Pkt. 50c; 1/32 oz \$1.50

Unusually long slender spurs, 4 to 5 inches long, giving the bril-



Longissima



Finest Mixed

liant canary yellow flowers an exceptional graceful effect. Does well in hot, dry locations in the the garden. Flowers in June 18 inches tall.

NEW GIANT HYBRIDS MIXED
(Rohbocks Sons)

Pkt. 20c; 1/8 oz. 60c; 1/4 oz. \$1.00.
A magnificent strain of Columbines with large flowers of long spurs of many rich colors.

Arabis (White Rock Cress)

A useful plant suitable for forming edgings and borders as well as in rockery and dry walls.

CULTURE: Any ordinary soil that is not too damp will suit the *Arabis*. Planting should be done in the autumn or spring 6 inches apart. When through blooming the old flower should be cut back moderately to encourage a new tufted growth. Will thrive well in full sun or shady place.

ALPINA Pkt. 25c; Plants 30c each
Pure white flowers produced in heavy masses. Excellent for borders and rockery work; fine for cutting.

ALPINA ROSEA Plants 30c each
Similar in habit to the above except flowers of a delicate pale pink.

For a bigger and better flower garden be sure to plant perennials.

Arenaria (Sandwort)

Arenaria are of dwarf-growth or a creeping habit. A splendid plant for the rock garden and terraces. Montana especially is a very good plant for large masses in the rock garden.

CULTURE: Require a well-drained, sandy soil, not too rich. They do best in a sunny location in the rock garden or rockery. Plant in fall or early spring 4 to 6 inches apart.

MONTANA

Plants 30c each

Close tufts, profusely covered with small, silvery white flowers. An excellent edging plant for formal gardens or in sunny places—flowers in May.

Armeria (Thrift or Sea Pink)

A dwarf perennial with grass-like leaves and a tuft-like growth. The flowers are borne in globular heads from May until the end of July. These plants may be used as edgings to borders and beds, also form lovely clumps in rock gardens.

CULTURE: Do well in a dry, sandy soil in sunny locations. Plant 6 to 8 inches apart in autumn or spring.

CALSPITOSA HYBRIDA

Pkt. 30c; Plants 35c each

A rare perennial evergreen grows 6 to 8 inches high with deep pink flowers; compact growth. Flowers in April and May.

FORMOSA RUBY

Pkt. 25c

Flowers of a bright carmine color, 18 to 24 inches tall; blooms in June to September.

FORMOSA FINEST MIXED COLORS

Pkt. 25c

Aster (Starwort or Michaelmas Daisy)

A lovely autumn-flowering perennial which is invaluable for border decoration or for cut flowers. Coming in shades of blue, white, pink and crimson.

CULTURE: A plant that will thrive in any soil and under almost any rough treatment. These Daisies do especially well in mixed border plantings or in conjunction with lilies and tritomas which forms an autumnal display of color. Planted in fall or spring, 2 feet apart.

BARR'S PINK

Plants 35c each

A strong, vigorous, well shaped plant 4 to 5 feet high of finest bright pink.

CLIMAX

Plants 30c each

One of the best and showiest of all. Has large pyramidal spikes of large light lavender-blue flowers, 5 feet tall. Free flowering, excellent for cutting.

Aster (New Dwarf)

A very neat habit of growth with attractive foliage, flowering in September and October, these plants are loaded with hundreds of blooms of the most delicate shades of lavender, pink and lilac. They do especially well in edgings or in groupings in front of borders. Perfectly hardy and grow most anywhere in any good garden soil.

VICTOR

Plants 35c each

Flowers blue, 8 to 10 inches high; blooms in September.

LADY H. MADDOCK

Plants 35c each; doz. \$3.00

Pink, 10 inches high; flowers in September.

SNOWSPRITE

Plants 35c each; doz. \$3.00

White, 10 inches high; blooms in September.

Aubrietia (Purple Rock Cress)

Although strictly a rock plant they are also most attractive subjects for growing in masses or in forming edgings to borders. They are also much used for carpeting the surface of beds, planted with spring bulbs.

CULTURE: Do well in any fairly good, well drained soil. The best growing results may be found in masses, edgings and also rock gardens. Plant 6 inches apart in early spring and autumn.

*EYRI

Plants 35c each; doz. \$3.00

Rosy lilac, good grower and especially fine in clumps in combination with bulbs. Also favors a light shade.

Baptisia (False-Indigo)

CULTURE: Requires a deep rich soil and a sunny location. Also they require ample space to grow in so as to display the natural beauty of the foliage. Plant in autumn or spring, 12 to 18 inches apart.

AUSTRALIS

Pkt. 30c; Plants 35c each

Dark blue pea-shaped flowers which are produced on top of spikes 2 feet high. May be used in rock gardens or in wild gardens. Very attractive foliage all summer.

Catanache (Love Plant)

CULTURE: Should be planted in the spring in a good rich soil or in a well fertilized soil that is well drained in a sunny location, 8 inches apart.

COERULEA

Pkt. 25c; Plants 25c each; doz. \$2.50

Has deep blue flowers on long stems. Heavy bloomer. Height 18 inches; blooms July, August and September.

Cerastium (Chickweed)

Grows well as a border plant as well as in large masses in rock gardens. A low growing perennial.

CULTURE: A sunny location in ordinary good soil. Plant in fall and spring, 10 to 12 inches apart.

TOMENTOSUM

Pkt. 25c; Plants 35c each; doz. \$3.00

Has a silvery white foliage, together with a mass of snow-white flowers, of dwarf growth. Blooms in May; especially good for rockery and border plantings.

CHELONE SHELL FLOWER

Pkt. 40c; Plants 35c each

An easy grown hardy perennial grown best in a rich and moist soil such as group plantings along streams and ponds, or as a single border. Plant in fall and spring 10 to 12 inches apart in sunny locations.

BARBATA HYBRIDA

Pkt. 25c; Plants 25c each; doz. \$2.50

Color of pink, carmine and red. Blooms in June to September; 2 to 3 feet high.

Cheiranthus (Siberian Wallflower)

A very desirable perennial, as it blooms very heavy and has a very alluring fragrance.

CULTURE: An ordinary well drained medium soil. Plant in early fall or spring, 8 inches apart.

ALLIOM

Pkt. 25c; Plants 35c each; three 95c

Blossom of a fiery orange with stems 1 foot high. Succeeds best when planted in early spring 6 to 8 inches apart.

Perennials come each year, so select a few new varieties each year.

Campanula (Bellflower)

One of the most popular and showy hardy perennials for border and rock garden culture. The flowers are all blue and white in color and the height ranges from a few inches to several feet. The more dwarf sorts are splendid subjects for edging or growing in groups on the margins of borders or rockeries, and the tall kinds make an effective display when grown in the middle of the borders.

CULTURE: All varieties offered below succeed well in ordinary rich soil. The dwarf varieties like a partially shady location. Also Trachelium, a tall variety, does well in a shady border. Plant in autumn and early spring 8 to 12 inches apart.

CARPATICA

Pkt. 25c; Plants 35c each; doz. \$3.00

A distinct specie growing in a compact tuft of not over 8 inches high. Clear blue flowers held erect on wiry stems; blooming season June to October. An excellent variety for border and rockery display.

GLOMERATA VAR DAHURICA

Plants 35c each; doz. \$3.00

A campanula that should be in every garden. Height about 18 inches; blooms in June and July, has large, close heads of deep blue flowers which produce a striking effect.

COLLINA

Pkt. 25c; Plants 35c each; doz. \$3.00

Has a dark violet blossom on a cushion-like growth. Height 6 to 8 inches; used extensively in border and rock gardens.

PERSICIFOLIA GRANDIFLORA ALBA

Pkt. 40c; Plants 35c each

One of the finest Campanulas, with large, handsome, white, bell-shaped flowers. 2 feet tall.

PERSICIFOLIA GRANDIFLORA COERULEA

Plants 35c each; three 95c

An excellent companion to the white variety, the large, bright blue flowers making an effective contrast 2 feet high.

PERSICIFOLIA, TELHAM BEAUTY

Plants 35c each; doz. \$3.50

One of the best, if not so, of the Persicifolias. It is a splendid bold growing plant, giving a magnificent display of large, single blue, bell-like flowers on 2½ foot stems. Blooms during June and July. A-1 border plant—a marvelous cut flower.

ROTUNDIFOLIA

Plants 35c each; three 95c

Of clear blue flowers, and especially suited for crevices in rock gardens in semi-shade. Height 1 foot. Blooms June to August.

TRACHELIUM ALBUM PLENO

Plants 35c each; doz. \$3.00

Very choice white double of 2 to 3 feet.

Chrysanthemum

Leucanthemum

WHITE SWAN (Double White Memorial Daisy)

Pkt. 40c; Plants 35c each; doz. \$3.50

A very sturdy perennial plant used extensively for border planting, and also excellent for cutting. Flowers of snow-white and full double 2 to 2½ inches in diameter. 24 to 30 inch stems.

HARLIE AND ELDER

Pkt. 25c; Plants 20c each; doz. \$2.00

Excellent for cutting, of easiest culture. Does well in any ordinary well-drained soil.

BOOK OF TREES

By Alfred C. Hottes

Complete information on all phases of deciduous and coniferous trees. Valuable lists of different trees for different purposes and localities.

448 pages; 180 illustrations; 1932. Cloth, \$3.65, postpaid.

Chrysanthemum Korean (New)

EARLY FLOWERING

A new chrysanthemum that blooms profusely very early in the season, and which are very decorative for table displays as well as in the garden.

PSYCHE

Plants 30c each; doz. \$3.00

A most attractive large, single shell-pink blossoms, of 4 to 5" in diameter; are grown on strong wiry stems of 18 to 24".

SAPPHO

Plants 30c each; doz. \$3.00

Has large yellow, single flowers of a dwarf growth.

Chrysanthemum (Cushion)

A very lovely low growing mum that does not exceed 12 inches in height, forming regular mounds of blossoms all through August and September. Cultural requirements are a well fertilized good garden soil that is well drained. Plant in fall and spring.

PINK CUSHION

Plants 40c each; three \$1.20

Light pink flowers by the hundreds forms a mound of 2 feet across.

BRONZE CUSHION

Plants 40c each; three \$1.20

Color of flowers is a deep bronze shading to a coppery yellow, similar in character as the above variety.

ROSE CUSHION

Plants 40c each; three \$1.20

A lovely shade of rose-pink.

Coreopsis (Grandiflora Flore pleno)

Much of the beauty of a summer garden is due to the brilliant golden yellow blossoms of Coreopsis plantings, as they bloom profusely from May until autumn, and they only require an ordinary garden soil that is well drained in a sunny position.

DOUBLE SUNBURST

Large deep golden yellow flowers. Height 24".

Pkt. 15c; ¼ oz. 30c; ½ oz. 50c; Plants 25c each

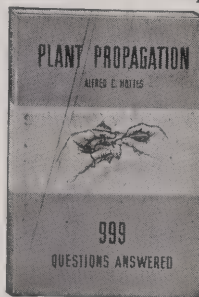


Coreopsis Sunburst

PLANT PROPAGATION

999 Questions Answered

By Alfred C. Hottes



Surely the increasing of plants by seeds, cuttings, divisions and by grafting is one of the most fascinating miracles each of us can perform. Have you often wondered just how to sow various seeds, why some sprout so slowly, how long you can keep seeds, when to sow perennials? How to grow plants from their leaves? How to increase bulbs faster? How to give a piece of a favorite shrub to a neighbor? How to graft fruit trees? These and many other points are fully covered in Plant Propagation. Every step is clearly illustrated and carefully described in terms that are definite but understood by anyone.

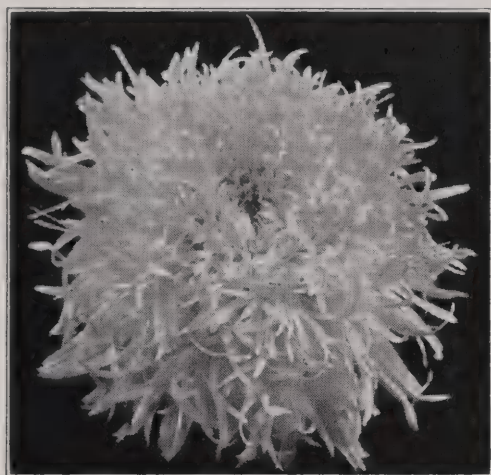
238 pages, 5 x 7½; 136 illustrations; jacket in two colors. \$2.00.

Chrysanthemum Maximum (Diener's Shasta Daisies)

A very popular hardy perennial that is noted for its keeping qualities as a cut flower and excels as one of our most outstanding specialties. We are constantly watching for newer and better developments that arise from many thousands of crossings made each year; as a result we find it very gratifying to the extent that we believe at the present time we have the largest and finest double and single Shasta Daisies to be had anywhere. The majority of these Shasta Daisies are of the more preferred Chiffon type, which in the past has made such a delightful sensation with our customers.

CULTURE: Shasta Daisies require full sun planted in a rich soil, 12 to 18 inches apart, in border and group plantings in order to retain a compact plant growth, as well as size of flowers. Shasta Daisies should be divided once every three years.

The following list of outstanding Shasta Daisies are a few of those grown from Diener Seeds.



"G. MARCONI"—New Giant Double Everflowering Shasta Daisy.—On Treasure Island at San Francisco this Shasta Daisy was one of the many outstanding flower novelties to be seen this year. We have received many hundreds of inquiries for seed and plants of this variety. Of all the thousands of crossings grown in the past few years this variety is of the most highly perfected in size, shape, and in growth. This variety will flower continuously in climates

where there is no frost, growing only to a height of 30 inches and providing long stems for cut flower purposes in the home. The old blossoms should be kept cut off when through blooming, under normal conditions they will continue to have flowers of 6 inches in diameter. **Trade Packet, 50c; 3 Pkts. \$1.25.** Rooted plant cuttings from original plants 25c each; doz. \$2.75.

ALL-DOUBLE SHASTA DAISY MIXED—Seed from these Shasta Daisies are gathered from years of reselecting from the finest types of all double and of various sizes of flowers and plant growth. **Pkt. 50c; 1/16 oz. \$1.25.**

"GLENDALE" (Fancy Chiffon)—One of the proudest of Shasta Daisies. This variety being of a very straight upright growth produces strong wiry stems of 4½ ft. tall, flowers are of the All-Double type and 4½ inches in diameter. Very attractive. **Pkt. 50c; 3 Pkts. \$1.25.** Original Plant Cuttings each 25c; doz. \$2.50.

TIMPANOGII NEW SINGLE BROAD PETELED (everflowering)—An excellent single flowering Shasta Daisy; produces flowers of 8 inches in diameter, very early flowering and has strong stems. **Pkt. 25c; 1/16 oz. \$1.25; 1/8 oz. \$2.25; Plants 20c each; doz. \$2.10.**

QUEEN VICTORIA GIANT SINGLE BROAD PETELED—Flowers 6 to 7-inches in diameter, very broad petals in each flower. Grows in bush form and stands up well. Very good for border plantings height 36 inches. **Pkt. 15c; 1/16 oz. 90c; 1/8 oz. \$1.50; Plants 20c each; doz. \$2.00.**

ALL VARIETIES—Single, Semi-Double, and Double Mixed together. **Pkt. 15c; 1/16 oz. 90c; 1/8 oz. \$1.50.**

Dianthus (Garden Pinks)

A very lovely perennial that does well either in borders or in group plantings in the rock garden, etc., and are very colorful when grown in sunny places.

***ALPINUS ALLWOODS** **Pkt. 40c**

Flowers come in shades of pink and red, on stems 4" high. Blooms during July and August. One of the loveliest of all garden pinks.

***CAESIUS GRANDIFLORUS** **Plant 35c each**

Sweet smelling rose-colored flowers on a compact dwarf plant of 4 to 10" high; flowers in May.

***KNAPPI** **Pkt. 40c; Plants 40c each; three \$1.20**

Is the only yellow dianthus in existence; it bears clusters of small yellow flowers on slender stems. A very charming variety.

***SPECIOSIS LOVELINESS** **Plants 40c each; three \$1.20**

Flowers are of a fine lacy effect, with a sweet scent. Lavender-pink shade. Will grow most anywhere.

Digitalis (Foxglove)

Although the variety below mentioned is a biennial, we feel nevertheless it is one of the loveliest and should be in every garden. As they produce large spotted flowers of many colors, and can be used in shady beds and borders to a great advantage, this variety can be sown in early spring along with other annuals in ordinary garden soil. For best displaying effects grow in masses.

GIANT SHIRLEY HYBRIDS **Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c**

Range of color includes white, shell pink, to the deepest rose with many of the dotted crimson and chocolate shades. Flowers are of a large bell-shaped on 3' stems.

Erigeron (Fleabane)

A perennial that is indispensable for groups and flower border plantings as well as for cutting. Can be grown in ordinary garden soil which is rather moist in sunny locations. Transplanting may be done in autumn and spring as are most perennials.

SPECIOSUS **Plants 35c each; doz. \$3.00**

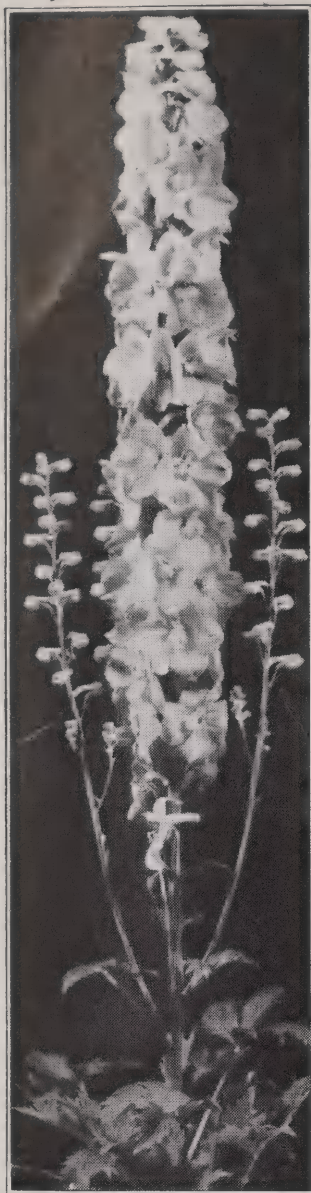
Large attractive blue flowers; violet tinted and yellow centers. Blooms in June and July.

ALL ABOUT FLOWERING BULBS

By T. A. Weston

Full information on bulbs of all seasons with all essential details for their successful growth.

186 pages, 65 full-page halftones, and 8 color plates. Cloth, \$2.00; postpaid, \$2.15.



Dream of Beauty

Delphiniums

Among outstanding perennials we have today to choose from the Delphinium ranks as one of the most beautiful and most widely used perennial for garden display and cutting. Their stately habit and splendid colorful spikes make them a universal favorite. The culture of Delphiniums is rather easy, succeeding best in good, deep, rich, well drained soil. They first start to bloom in June and if the old flowering spikes are cut close to the ground when through flowering new growth will then be produced. By this way one can obtain at least three crops of flowers. Will bloom in the first year if seed is sown early in the year.

"DREAMS OF BEAUTY" (Diener)

Pkt. 35c; large pkt. \$1.00

An immensely free flowering variety, with flowers of single, semi-double and double in shades running from sky blue through all intermediate shades to the deepest indigo blue, and many have pinkish fillings. The stems are very willowy with closely set spire-like spikes. Very hardy against fungus diseases.

GIANT PACIFIC HYBRIDS MIXED

Pkt. 35c; large pkt. \$1.00

Tall, slender, graceful flower spikes of well-spaced blooms of large size. Of excellent branching habit, about 5' tall with magnificent color range. The crested "Bees" of white, cream, black and brown add to the beauty of the flowers.

BELLADONNA

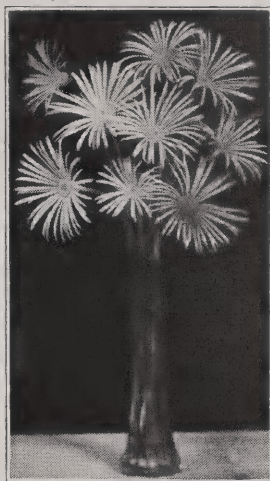
Pkt. 25c; 1/8 oz. 50c

Light sky-blue. Blooms continuously throughout the summer. Very choice cutting variety, also when planted within mixed perennial border.

BELLAMOSUM

Pkt. 25c; 1/8 oz. 50c

A dark blue shade of the Belladonna; also flowers continuously throughout spring and summer. Planting location same as above.


Gerbera
(Transvaal Daisy)

Gerbera

(Transvaal Daisy—Diener Hybrids)

One of the most attractive daisies yet produced. This is a half hardy perennial in cold climates. Yet if these daisies are covered just before frost with from 12 to 15 inches of sawdust, leaves, straw or pine needles they will go through the winter very nicely, as many of our customers have reported their success by this method.

CULTURE: Seeds must be sown in a sandy loam or a sandy leaf mold soil. Cover seeds very lightly and press down firmly. Then cover with burap until germination period. Be sure to keep soil moist for the first three months to encourage plant growth, after which they only need water when the soil becomes dry.

SEPARATE COLORS in Red, Garnet, Yellow, and Rose-pink. pkt. 25c; 3 pkts. 60c.

FINEST MIXED COLORS of giant size flowers; this mixture consists of red, yellow, garnet, white, pale lavender, dark lavender, pink, salmon and many new colors of latest developments. Pkt. 25c; 1/16 oz. 85c; 1/8 oz. \$1.50.

PERENNIAL GARDENS By H. S. Ortloff

Following the simple directions in this book insures a perennial garden crowded with bloom, in which the colors make a perfectly blended picture. First come plans, showing how to locate and lay out the garden; then clear directions for preparing the soil, fertilizing, planting, cultivating, transplanting and preparation. 18 illustrations; 90 pages. \$1.25.

TUBEROUS-ROOTED BEGONIAS—AND THEIR CULTURE By George Otten

The only book devoted to this subject. The author, who has been most successful in the culture of Tuberous-rooted Begonias for over 50 years, gives the details of general culture, propagation and hybridization in clear and understandable language, and makes the first attempt to classify the single flowering and double flowering varieties.

84 pages; 36 halftone illustrations. Cloth, postpaid, \$1.40.

THE CACTUS BOOK By Dr. A. D. Houghton

Just select the right kinds and you can grow cacti in any climate and under any conditions, with flowers up to a foot across and sometimes 200 blooms on a single plant. This book tells you which cacti to buy and how to grow them outdoors or indoors; how to raise from seed, hybridize, make cuttings and grafts, and everything else connected with successful cacti growing. 18 illustrations; 145 pages. \$2.25.

ROSES By F. F. Rockwell

Tells just what the beginner or average flower lover can do with roses. Varieties are classified according to their uses as garden, climbing, and landscape roses and the part each of these plays in the garden is fully explained with complete directions for rose care and culture, planting, propagation, protection from insects and diseases, and variety lists.

74 illustrations; 88 pages. \$1.25.

Gaillardia (Blanket Flower)

One of the most dependable and profuse blooming plants in the garden; withstands drought and hot weather. Brilliantly colored with long stems. Easily grown in ordinary good garden soil.

GOBLIN Pkt. 25c; 1/8 oz. 70c
Excellent border variety; has a compact bush growth, completely covered with red-gold flowers.

BURGUNDY Pkt. 40c; Plants 35c each
Deep red flowers; very effective in borders; 30" high; fine for cutting.

OXNARD GEM Pkt. 10c; 3 pkts. 25c.
Golden orange seam, maroon red center, 3 1/2 inch flowers on long stems, very fine for bedding and cutting.

Geranium (Crane's Bill)

A very interesting plant for marginal plantings in sunny borders and in rock gardens. They grow well in a medium soil in groups. Once these plants become established they will bloom profusely.

SANGUINEUM Pkt. 25c; Plants 40c each; three \$1.20
Flowers of a bright crimson. Foliage dark green; 18" high; most attractive.

Grasses (Ornamental)

A distinctly different type of plant. For ornamental display, although just a grass, they have many outstanding attractions. Instead of a flower they have very lovely shaded leaves and others have silvery plumes. They do well in just ordinary well drained soil. Their uses are many. Can be used in border plantings as well as cover for game and birds.

EULALIA JAPONICA Plants 40c each; three 95c
Long, narrow, graceful green foliage, with large silvery grey plumes; 6 to 7 feet tall.

EULALIA JAPONICA VARIEGATA Plants 40c each; three 95c
Long, narrow leaves, striped green, white, and often pink and yellow. Very ornamental.

FESTUCA GLAUCA Plants 40c each; three 95c
Its dense tuft-like foliage is very attractive when used in edgings, as it has a bluish colored leaves. 12 to 15" high.

Gypsophila (Baby's Breath)

A beautiful herbaceous perennial variety, with tiny white flowers on slender stems that look like a cloud or mist. Two or three feet high. Succeeds well in a well drained soil in a sunny location. Plant in autumn or spring, 2 feet apart.

BRISTOL FAIRY Plants 50c each
Has large double white flowers, of immense size, and flowers all summer; extra fine.

PANICULATA FLORE PLENO Pkt. 25c; 1/16 oz. 60c; 1/8 oz. \$1.00
Small double white blossoms on many-branched panicles, during June and July. Extra fine variety for cutting and drying.

PANICULATA (Single) Pkt. 25c; 1/16 oz. 50c; 1/8 oz. 85c
A beautiful herbaceous perennial variety, forms an interesting plant of about 3 feet tall which produces tiny white flowers on slender stems that looks like a cloud or mist. Very fine for cutting and drying to use in bouquets. Blooms June and July.

Heuchera (Alum Root, Coralbells)

A very lovely flowering perennial plant which produce an abundance of dainty blooms on graceful panicles. They like a rather rich, well drained, medium soil in a sunny location. Plant 6 inches apart.

ROSAMUNDI Pkt. 30c; Plants 40c each; three \$1.00
We believe this variety to be one of the best Heuchera as it is not subject to blight and is a strong grower furnishing an abundance of coral-pink blossoms, and tall strong stems.

***SANGUINEA** Pkt. 25c; Plants 35c each; three 95c
Flowers of a bright crimson, on 12 to 18" stems, in June to September. Free flowering; very fine for rock garden display.

Hollyhock (Althea Rosea)

An excellent garden favorite used for background plantings to perennial or annual plants and foundation plantings along walls, buildings, etc., and when planted in a rich medium soil that is well drained they will attain at height from 4 to 7 feet. For the best display they show up best when planted in groups or masses 8 inches apart. Sow in early spring and summer.



Salmon Double

MRS. ANNIE ROHBOCK (Salmon Double)—Height 4 feet, with flowers of 4 to 5 inches in diameter. Very attractive. Pkt. 15c; 1/8 oz. 35c.

ALL COLORS MIXED—A splendid assortment of colors. Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 50c.

Iberis (Candytuft)

A very appropriate subject for rock gardens and also for edgings to herbaceous borders, as they have an evergreen foliage of a dark green shade with masses of snow white flowers. Ordinary good garden soil will do for these plants. May be planted in fall and spring.

LITTLE GEM Pkt. 25c; Plants 35c each; doz. \$3.25
Pure white flowers of a uniform dwarf habit of growth.

***JUCUNDA (Delicate Pink)** Pkt. 15c; 1/8 oz. 50c
Have large umbels of attractive soft pink flowers. Height 6".

Inula (Fleabane)

Very useful as a cut flower. Has a sunflower like blossom on a 14 inch stem. Are very easily grown most anywhere.

ENSIFOLIA Pkt. 25c; 3 pkts. 65c
Flowers of a golden yellow in July to October. Daisie-like flower.

GARDEN POOLS: LARGE AND SMALL

By Ramsey and Lawrence

Nothing else can add so much to your garden as a pool, even if it is only a transformed wash tub in the tiniest garden space. How to have one is fully explained in this new book. Its text is so complete and its illustrations are so numerous and practical that you can easily find the type of pool that fits in your garden and learn all about designing, planting and caring for it.

41 illustrations; 122 pages. \$2.50.



Iris (German)

CLARA NOYES

Plants 15c each; doz. \$1.65

A rich blend of Talisman Rose.

EUPHONY

Plants 10c each; doz. \$1.00

One of the best copper blends, beautifully ruffled; a real beauty.

FIRE BALL

Plants 10c each; doz. \$1.00

Brilliant fire-red.

GOBLIN RED

Plants 15c each; doz. \$1.65

30 inches tall; the upper petals are of pure mineral red and lower petals of a spectrum red. Very fine.

RED DOMINION

Plants 20c each; doz. \$2.00

Honorable mention A. I. S. Fragrant, a fine red-toned variety with clear, lustrous, deep red standards with flaring velvety red falls.

RED RADIANT

Plants 20c each; doz. \$2.00

Honorable mention A. I. S. A glowing red.

TIGER TIGER

Plants 20c each; doz. \$2.00

A grand sized Iris of perfect form with huge flowers of a delightful color and very fragrant.

VERT GALLANT

Plants 15c each; doz. \$1.65

50 inches tall. A very heavy bloomer; has from 4 to 5 flowers per stalk with standards of a soft rose, and fulls of a dahlia carmine color.

FINEST MIXED which consists of such named varieties as **Emperor, Joan of Arc, Centumn King, Fuerstin Longoy, Sinlac** and many others not mentioned.

Collection of twenty nice, strong-rooted divisions, a value of \$4.00 **all for just \$1.00.**

Lathyrus

(Perennial or Everlasting Pea)

A climbing Perennial Pea that can be used for trellises, pergolas and rough bank coverings. They have annual stems which die down in the fall. Their culture: succeed well in ordinary garden soil.

LATIFOLIUS PINK BEAUTY

Pkt. 15c; 1/4 oz. 30c; 1/2 oz. 50c

Large blossoms of a deep rose.

LATIFOLIUS WHITE PEARL

Pkt. 15c; 1/4 oz. 30c; 1/2 oz. 50c

Stems have from 10 to 15 flowers each of the loveliest pure white color.

Lavandula (Lavender)

A well known old-fashioned, fragrant perennial. When cut and dried has fragrant flowers which are highly valuable for preserving. Flowers of a lavender color on 10 to 12 inch stems. Blooms in July and August. Does well in a dry medium soil in a warm location.

VERA

Pkt. 15c; 1/4 oz. 35c; 1/2 oz. 60c; Plants 25c each

Has fragrant blue flowers. About 18" high.

Lychnis

Easy grown and attractive border and rock garden plant, producing large heads of brilliantly colored flowers. Blooms July until frost. Plant in autumn or early spring.

CHALCEDONICA

Pkt. 10c; 1/8 oz. 25c; 1/2 oz. 85c

Has long-lasting bright scarlet flowers, on 3-foot stems; flowers all summer.

Linaria (Perennial Snapdragon)

A handsome new perennial bearing Snapdragon like flower, with 36 inch stem. An excellent plant for group and border plantings, as well as for cutting qualities. Does well in ordinary garden soil in a sunny location. Plant in autumn or early spring.

DALMATICA

Pkt. 15c; 1/8 oz. 40c; 1/2 oz. 70c; Plants 25c each

Flowers of bright golden yellow with orange yellow mark on lower lip.

Linum (Flax)

A free flowering, hardy perennial, suitable for dry, sunny borders or in rock gardens. They like a well drained light soil, and grown in groups. Plant in autumn or spring.

PERENNE

Pkt. 10c; 1/4 oz. 25c; 1/2 oz. 45c

Flowers of beautiful pale blue. Slender stems; has very attractive foliage.

FLAVUM

Pkt. 25c; 1/4 oz. 55c; 1/2 oz. \$1.00; Plants 35c each

Has lovely transparent, yellow blossoms.

Oenothera (Evening Primrose)

A very showy border and marginal plant which does well in sunny places and in rock gardens. Blooms continuously all summer.

SPECIOSA

Pkt. 35c; Plants 35c each

Pure white flowers 3" across, in large quantities of 18" stems.

YOUNGI

Pkt. 35c; Plants 35c each

Has large firm leaves of a shiny appearance with bright lemon-yellow flowers, on 24" stems.

Papaver Orientale (Oriental Poppy)

A perennial that will grow in most any kind of soil and still produce one of the centers of attraction during their flowering period, in May and June. However, they will produce somewhat larger flowers in a deep rich soil.

BEAUTY OF LIVERMORE

Pkt. 15c; 1/8 oz. 25c

The finest dark crimson with a black center. Blooms freely.

Pardanthus (Belamcanda)

A lily like plant with orange and black spotted flowers borne on 30 inch stems which are followed by a black berry resembling blackberries. Seeds in a rich sandy loam in sunny locations. Sow seeds in a rich sandy loam in sunny locations.

CHINENSIS

Plants 35c each; three 95c

Flowers orange colored, with black center, on 24" stems. Use in perennial borders.

Pentstemon (Beard Tongue)

Mass plantings of Pentstemons in beds and borders will attract attention anywhere. They have a tubular or foxglove-like flower of many brilliant colors with a decidedly graceful habit. Pentstemons require a rich, well manured loamy soil in sunny places.

BARBATUS TORREYI

Pkt. 15c; Plants 35c each; three 95c

Flowers of a bright scarlet, with 2-foot stems. Blooms, June until August.

Phlox (Decussata—Hardy)

The Phlox listed below are a few of the best free flowering varieties of strong growth and clear colors.

- AFRICA** Plants 35c each; three 95c
Flowers of a brilliant carmine red, with blood red eye, with a well-shaped flowering head. Mildew-free.
- COMTE** Plants 35c each; three 95c
Flowers of a rich satiny amaranth. Blends well when planted next to yellow flowering plants; tall grower.
- BORDER QUEEN** Plants 40c each; three \$1.05
Has large flowering heads of a clear deep rose-pink color. Dwarf grower.
- COUNT ZEPPELIN** Plants 35c each; three 95c
Pure white flowers with vermilion red eye. Very free flowering variety.
- ENCHANTRESS** Plants 35c each; three 95c
Bright salmon-pink flowers with dark eye.
- FUERBRAND** Plants 35c each; three 95c
Flowers of a brilliant orange scarlet. Blooms entire season; of a medium height.
- JULES SANDEAN** Plants 35c each; three 95c
Dwarf growth, one of the longest-lasting and free bloomer in Phlox. Flowers a bright watermelon pink.
- MRS. JENKINS** Plants 35c each; three 95c
Pure white flowers, of medium height. Very fine variety in mass planting.
- RHEINLANDER** Plants 35c each; three 95c
Have large flowering heads; of a salmon-pink in color, on strong stems.

Phyteuma

A border and rock garden plant well known in Europe, yet they are not known well here in America. They thrive well in ordinary garden soil in rock gardens and borders which are located in hot and dry places. Plant in fall and spring.

- SCHEUCHZERI** Pkt. 35c; Plants 50c each; three \$1.25
A delightful Campanula-like plant of a dark green (small) heart-shaped leaves, with dark blue bulbous-like flowers. Height 15 to 18".

Platycodon (Chinese Bellflower)

A very hardy plant for use in sunny borders, with broad blue and white bell shaped flowers. Blooms continuously. Plant in fall or early spring in a light sandy soil.

- GRANDIFLORA** Pkt. 15c; Plants 35c each; three 95c
Have large showy deep blue flowers on 20" stems.
- GRANDIFLORA ALBA** Plants 35c each; three 95c
Large white flowers; form as above.

Primula

No garden or rock garden is complete without some planting of Primulas, as they have such a wide range of color and grow well in shady moist places. The soil should be rich with plenty of leaf mold or peat. Plant in early fall or early spring 6 inches apart.

- VERIS HYBRIDS** Pkt. 15c; Plants 25c each
A large flowering variety with colors of buff, orange, salmon, and rich reds of a vigorous plant growth.

Pyrethrum (Painted Daisies)

A highly recommendable perennial plant for cutting as well as border plantings. The colors of these lovely daisies range from pure white through all shades of pink and red on long stems during the spring months. Pyrethrum like a well fertilized soil in a sunny place. Plant in autumn or spring.

- BUCKEYE** Plants 25c each; doz. \$2.50
Flowers are double, and of a lovely shade of red, borne on long straight stems. Blooms profusely.
- AHOSANGUINEUM** Pkt. 20c
Single red flowers, on stems 20" high; blooms in May and June, with a neat, compact, tufted-like growth.

Rudebeckia (Cornflower)

An easily grown, free flowering perennial which can be used in a sunny location as well as in partial shade. Thrive in ordinary garden soil, and can be planted in groups or singly.

- NEWMANNI** Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 60c
Flowers of a deep orange-yellow, with a dark purple cone; long wiry stems 3" long. Blooms all summer.

Sedums (Stonecrop)

A group of plants that vary in habit, some are dwarf, others are creeping, and still others of the spectabile which grow up to 2 feet high. Some are evergreen and others of a deciduous growth. The dwarf varieties are best suited for edgings to borders and rock gardens; also some may be used for grouping in borders. A dry ordinary soil will suit all, in sunny locations, borders, etc.

- *ACRE** Pkt. 25c; 1/16 oz. 75c; Plants 15c each
Is a slow-spreading plant with green foliage, and a bright yellow flower.
- *ALBUM** Plants 15c each; doz. \$1.75
Dwarf and spreading type, with thick waxy round foliage; white flowers. A good rock garden plant.
- *EVERSI** Plants 15c each; doz. \$1.75
A good strong grower with foliage of a glaucous-gray, and is a sub-trailing kind.
- MAXIMUM ATROPURPUREUM** Plants 25c each; doz. \$2.75
An outstanding variety for its rich mahogany-colored foliage when displayed in border plantings. Flowers are of a light mahogany in spray form. Height 18".
- *SPURIUM COCCINEUM** Pkt. 25c; 1/16 oz. \$1.00; Plants 25c each
Very good variety for covering sandy banks; has a rosy-crimson flower. Blooms in July and August.
- SPECTABILE (Brilliant)** Plants 25c each; doz. \$2.75
A richly colored species attaining a height of 18", with broad light-green foliage, and immense heads of a hand-somely bright amaranth red. Fall bloomer.
- SPECTABILE** Plants 25c each; doz. \$2.75
A lovely rose colored flower, in form of the above.

Statice

This variety of Statice has leathery, dark green leaves which spring up directly from the root stock. The flowers grow up in the form of an umbrella, literally covered with small lavender blue blossoms. These plants grow exceedingly well in a sandy soil in sunny places. Excellent for cutting and drying for winter decoration.

- DUMOSA (New)** Pkt. 20c; 1/8 oz. 35c; 1/4 oz. \$1.00
Dwarf; in the form of a round bush; 10" in diameter. Splendid rock garden plant.

Teucrium (Germander)

A shrub-like perennial with shiny, dark leaves, resembling dwarf Boxwood. An excellent border plant. Also has a lovely distinct pink flower.

*CHAMAEDRY'S Pkt. 25c; Plants 20c each; doz. \$2.00
Glossy green foliage. This variety may be trimmed as a dwarf hedge up to 8' tall.

Thalictrum (Hardy Perennial)

DIPTEROCARPUM Pkt. 20c; 1/8 oz. 50c; 1/4 oz. 85c
Have tall graceful Violet-Mauve flowers with dainty golden yellow anthers. Flowers during August and September. Thrives best in moist soil. Height 3 to 5 feet. Very showy, fine for cutting.

Tritoma (Red Hot Poker)

A very popular, well known, stately perennial, used extensively in garden decoration as they are heavy flower producers. The varieties mentioned below, are selected to furnish flowers at different intervals during the summer months.

TUCKER (May Queen) Pkt. 25c; 1/16 oz. 50c;
Plants 25c each
Blooms in May only. Flower is of a dark pink to red, with yellow tips. Height 4'.

GIANT HYBRIDS MIXED (Diener) Pkt. 25c; 1/16 oz. 50c;
Plants 25c each
Stems of these giants average 4 to 6 feet tall, with very large flowers of a yellow, coral, orange and scarlet. Blooms June and July.



RUFA HYBRIDS Pkt. 25c; 3 pkts. 60c
A small ever-flowering variety of same colors as the giant hybrids. Stems 2 to 3 ft. tall.

PFITZNER Pkt. 25c; 1/16 oz. 50c; Plants 25c each
The most prolific flowering in tritomas; ofttime having 10 spikes per plant; 3 to 4 feet tall. Its head is a rich orange-scarlet.

DWARF VARIETIES (Mixed) Pkt. 25c; 1/16 oz. 50c
A mixture of white, pink and yellow tritoma stems of 12 to 18 inches high.

Valeriana

A hardy, old-fashioned perennial which is a very showy plant for a dry, sunny border. Flowers are borne in pinnacles. Do well in sunny locations.

COCCINEA RUBRA Pkt. 10c; 1/8 oz. 25c; Plants 35c each
Flowers are of large showy heads of old rose in umbels on 12" stems, just above the rich green foliage; excellent plant for rock gardens and border plantings.

*ALBA (White) Pkt. 25c

Veronica (Speedwell)

A beautiful perennial that varies in height from a few inches to 2 feet and bear flowers in colors of blue, rose pink and white. Their culture is of the easiest, succeeds well in any ordinary well drained garden soil and display very nice in rock gardens and border plantings.

LONGIFOLIA SUBSESSILIS Pkt. 15c; 1/8 oz. 50c
A very handsome blue flowering plant. Perfectly hardy and increases in strength and beauty each year; lower spikes are completely studded with beautiful blue flowers. Very fine for cutting.

BOOK OF SHRUBS

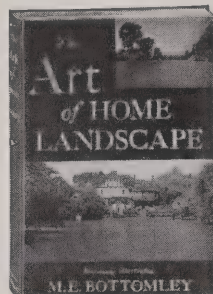
By Alfred C. Hottes

A complete, nontechnical description of the common species with its characters, uses, soil, pruning and propagation. Lists of different shrubs for different purposes.

446 pages; 187 illustrations. Cloth, \$3.00; postpaid, \$3.15.

THE ART OF HOME LANDSCAPE

By M. E. Bottomley



Perhaps you are confused about formal and informal design. Perhaps you have wondered how to make a high wall terrace or house appear lower, how to widen the effect of a tall house, how to emphasize a building or how to subordinate it. You may want to know not only how to plant the front of the house but how to develop the yard and garden—the Home Landscape.

You have always wanted to get a working idea of the use of color in the garden. In this book Professor Bottomley has interpreted the principles of landscape gardening. He has made them practical and understandable to the amateur.

The practical end of landscape gardening is by no means overlooked in this book. There is a thorough survey of the field of horticulture—how plants grow, fertilization, pruning, tree surgery, planting and maintenance.

276 pages, 5 1/2 x 8, profusely illustrated. \$3.50.

OUR NATIVE CACTI

By Ethel Bailey Higgins

Treats of Cacti indigenous to the United States, giving uses, classification, description, habitat, flowering periods, diseases, cultural directions.

182 pages, 94 illustrations, and 4 color plates. Linen cloth, \$2.65.

AZALEAS AND CAMELLIAS

By H. H. Hume

Every point about growing both of these shrubs is carefully explaining here—soils, time and method of planting, cultivation, mulching, pruning, frost protection, feeding, pot and tub culture, pests and diseases, and propagation. This information holds good for every region where either shrub is grown, indoors or outdoors.

14 illustrations; 90 pages. \$1.50.

PRACTICAL VEGETABLE CULTURE

By A. E. Wilkinson

The growing of vegetables for home consumption and on the farm for profit.

308 pages with 135 illustrations. Cloth, \$2.00; postpaid, \$2.15.

MODERN DAHLIA CULTURE

By Wm. H. Waite

... the originator of "Jersey's Beauty," and other highly popular Dahlias.

134 pages, 24 halftones, 6 color plates. Cloth, \$1.50; postpaid, \$1.65.

Chives (Hardy)

An onion-looking plant which is used for flavoring and seasoning; very tasty when used in sandwiches. Pkt. 15c; 3 pkts. 35c.

EVERGREENS AND FLOWERING SHRUBS

Pyracantha (Firethorn)

COCCINEA—Broad spreading shrub with bright attractive foliage; with a profusion of white flowers in spring followed by large clusters of brilliant colored orange berries.

Well established 4" pot plants ready for your garden; 50c each.

Cotoneaster

HORIZONTALIS—A very showy and extensively used low-growing shrub that has almost horizontal branches covered with shiny dark green leaves; the berries are of a bright red giving the plant a wonderful appearance. Can be used in rock gardens as well as base plantings to steps.

Well established 4" inch pot plants 50c each.

Thuya Berckman's Golden Tip (Arborvitae)

ORIENTALIS AUREA NANA—The most desirable Arborvitae. Very dwarf habit. Golden tipped, oval shape. Always very attractive. 10-12" \$1.50; 12-15" \$1.75; 15-18" \$2.25; 18-25" \$3.00.

Buddleia

NEW BUDDLEIA "UTAH GEM"—A seedling originating in our nursery. Perfect habit of growth, 4'-5' high, about 4 1/2' diameter. Foliage deep green of a tough texture. Flowering from June until severe frost; a splendid cut flower; wilt-resisting. Color of a true orchid.

Orders taken now for spring delivery only. 90c each.

NEW BUDDLEIA "ROSA BONHEUR"—A true pink Buddleia. We believe it to be the finest pink buddleia in existence to date. 5' in height, blooming from July on until frost. A magnificent shrub.

Orders taken now for spring delivery only. \$1.00 each.

Ivy (Dwarf English)

ALBANY IVY—A plant that is especially suited for evergreen edgings to small beds, pools, foundations or plantings along shady walks; it is a slow and dense grower; keeps in perfect form without trimming. For table decorations it can hardly be duplicated, as it will grow where other plants die, (such as) on the dining room table or in the library in small ornamental crockery, vases on walls, etc.

Well established plants out of three inch pots, 50c each.

VINES

Lonicera (Honeysuckle)

TELLMANNIANA—A fast-growing vine much improved over the common honeysuckle. Flowers are of a tubular shape, borne in large clusters of a rich golden color; very fragrant. Its foliage being very clean and rich in color makes it most desirable.

Plants are to be had in three sizes; 50c, 75c and 1.00 each.

Polygonum (Silver Lace Vine)

AUBERTI—A splendid hardy climber that never is bothered by insects and is perfectly clean in habit, and has a long flowering period. Flowers are produced in masses; very effective. Plants 50c, and large size plants \$1.00 each.

All vines are shipped in early spring. So place your order early, please.

"HOW TO LANDSCAPE YOUR GROUNDS"

By Loyal R. Johnson

The book for the small property owner who visions a garden setting for his home, and who by necessity must do that developing himself rather than hire a landscape architect—30 PLANTING PLANS with PLANTING KEYS prepared by eight well-known landscape architects. These plans are simple in form, and can be carried out at moderate cost with most effective results. CONTENTS: Plan Carefully Before Planting; Locating the House; Architectural Features of the Garden; How to Plan Walks; Drives and Entrances; Construction of Walks and Drives; Lawns—How to Grade, Construct, Maintain; What Trees and Shrubs Will You Require? Flower Gardens for Gay Color; Rock Gardens Should Seem at Home; Wild Gardens; Select Lists of Shrubs, Acid Soil Plants, Trees, and Vines, etc. 232 pages, 147 illustrations, handsome four-color jacket. Price \$2.75.

"PATIO GARDENS"

By Helen M. Fox

Spanish gardens and garden art offer many opportunities and possibilities to gardeners all over the United States—particularly in the South and Southwest and in cities. This book contains accurate descriptions, pictures and plans of patios, pools, flowerpots, balconies, stairways, fountains, tiles, and wrought-iron with clear-cut suggestions for their use in our own garden. 98 illustrations. 247 pages. Price \$2.50.

"ROCK GARDEN AND ALPINE PLANTS"

By H. Correvon

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Tomatoes

What garden would be complete without its well-laden tomato plants promising to the household those cool salads, those creamy soups and tempting hot supper dishes; for which the tomato is known. Tomato plants are quite simple to grow, as they may be either sown in hotbeds or sown in flats in the house, allowing 5 to 6 weeks to grow plants large enough for setting outdoors when the weather becomes warm. In sowing the seed sow in rows 3 inches apart and cover with $\frac{1}{4}$ inch of soil, transplanting them when they are 2 inches tall into 3 inch pots or may be planted 4 inches apart in rows either in flats or in the hotbed. Later plant them in the garden when danger of freezing is over. Plants planted in the field 4 feet between rows and 3 or 4 in the row, depending on type of Tomato and climatic conditions. One ounce of seed produces two thousand to two thousand five hundred plants.



Tomato Ventura

BLIGHT-RESISTING TOMATO "VENTURA" (Diener)—Ventura is the most perfect tomato produced so far, as it is very early. The fruit is as smooth as an apple, having a weight of four to eight ounces. Its flesh is of a fine tomato color and is very solid when ripe, so much so that it keeps solid for several weeks without rotting, being immune from Fungi. It can be shipped in a ripe condition to very long distances. Ventura has a very delicious taste, it being a seedling of the Diener tomato which is known for its wonderful flavor when canned. It is extremely free bearing. To get the true variety always get the seed direct from us. Pkg. 15c; $\frac{1}{2}$ oz. 55c; 1 oz. \$1.00.

DIENER'S FORCING TOMATO—For Greenhouses and Frames. An immense free bearing tomato of about four to five ounces, fine red meat and the fruit is very even. There is nothing better in existence today for this purpose. Pkg. 25c; $\frac{1}{2}$ oz. \$1.25.

DIENER'S YELLOW TOMATO—This is a large, yellow tomato, very early and free bearing. It has a fine, non-acid flavor. If you eat it once, you will want it in your garden every year. Pkg. 25c.

THE DIENER TOMATO "KING OF ALL TOMATOES"—This tomato originated by Richard Diener has proven in every respect far superior to any variety now existing. The size of the first fruit reaches the weight of three pounds, but the average is about one pound. The yield is very heavy. The flesh is very solid and perfectly filled out, leaving no hollows. For this reason it is very valuable for dehydrating or canning. Canned, this tomato has the finest flavor of any tomato known. It is used in great quantities by California's largest canneries. The flesh is magnificent, dark red and very sweet and free from acid. It produces very few seeds, so is exceptionally fine for catsup and best for tomato juice. Pkg. 15c; $\frac{1}{2}$ oz. 50c; 1 oz. \$1.00.



King Of All Tomatoes

THE PEPPER TOMATO (Diener)—A cross between Bell Pepper and Tomato. This Tomato should be in every garden. Having the pepper flavor added to the tomato, it has a unique spicy taste, and all who have used them prefer them for tomatoes. It is extra early bearing; never has any deformed fruit; very solid and more egg-shaped than round, and from four to six ounces in weight. Pkg. 15c; $\frac{1}{2}$ oz. 55c; 1 oz. \$1.00.

TOMATO COLLECTION—For those who have a small garden and want a few plants of each, we have made a Collection of Pepper, Diener, Ventura, and Yellow Tomatoes and a package of cucumber seeds, each package containing about fifty seeds and each variety labeled in a separate package. Collection 25c.

Cucumbers



Sensation

GERMAN DELICATESS—One of the best cucumbers for outdoor growing, has a very small core for seeds and is of fine flavor. Very quick growing and immensely free bearing. Very hardy against diseases. Pkt. 25c; 3 Pkts. 50c.

Aztec Bean

One of the largest beans known. Grows in a bush form, a perennial in places where it's not too cold. It can stand a great deal of drought and is very prolific. The dry beans can be cooked just like lima beans and its flavor is unexcelled. For those interested in growing beans we recommend giving this variety a trial. Pkt. 25c; 3 Pkts. 50c; 1 lb. 40c.

SENSATION—A very outstanding variety for forcing under glass and in hotbeds, as well as for outdoors. In a greenhouse with a temperature of 70 degrees the fruit reaches the length of 12 inches in one week and is a deep green color. One plant will bring from 270 to 300 perfect fruit in one season. In order to get more fruit from a vine, never allow any of the fruit to ripen on the plant; as soon as they reach their full size, pick immediately. Pkt. 25c; 3 Pkts. 50c.

The New, Easy Way
to Control **GARDEN PESTS**

Garden spraying to control insects and fungi is no longer a chore! Follow the Shell method and see how much easier it is to get better results.

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The Shell Nicotina Sprayer is a new, perfected nozzle which is attached to the hose in the usual way. The bottle of spray material is then attached to the sprayer. When you turn on the water and invert the bottle, you get a perfect protective mixture which is always constant in strength. No mixing for you to do, no messing around! The nozzle regulates the discharge of the insecticide for all normal water pressures, thus assuring accurate dosages.

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HOW TO CONTROL INSECTS

Shell Niconia Soluble Garden Spray is the latest development in oil sprays, containing highly refined spray oils and a particularly effective form of nicotine. It is successful in controlling aphids, mealy bugs, red spiders or mites, scale, white fly and thrips; in fact, all sucking insects and the eggs and larvae of many leaf eating insects. Many users report a decrease in the number of snails and slugs after applying this spray.

Shell Niconia Soluble Garden Spray can be used safely under normal conditions on many annuals and perennials, on such plants as carnations, chrysanthemums, roses and violets, and on all evergreen and deciduous shrubs and trees.

HOW TO CONTROL FUNGI

Shell Mil-Du-Spra Soluble Garden Spray is a concentrated copper solution which gardeners and nurseries have found excellent in controlling mildew, black spot, peach leaf curl, rust, apple scab and brown rot. The most effective time for the use of this material is in late autumn or early spring, as the spore of the fungi can be more easily reached then.

Shell Mil-Du-Spra Soluble Garden Spray, like Shell Nicona Soluble Garden Spray, is made for use with the Shell Nicona Sprayer. Bottles of both products screw right on to the sprayer and spraying is done "as easy as watering." Each bottle makes about 7 gallons of finished spray.



In this position, nozzle sprays only clear water; NO WASTE



With bottle
inverted,
nozzle sprays
correct
amount of
insecticide

PRICES	Nicona Garden Spray	Mil-Du-Spra Garden Spray
Sprayer with 8 oz. Bottle (ready to use).....	\$1.75	\$1.75
8oz. Bottle50	.50
1 Quart	1.10	1.75
1 Gallon	3.25	5.50

Garden Spray will be shipped Express Collect—Prices subject to change without notice. Sales tax extra, where applicable.

IT'S AS EASY AS WATERING

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